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ABSTRACT

All computer systems in use or on order in universities and colleges in the U.S. by June 30, 1970, are inventoried in this report, along with a description of what they cost, how they are used, and how they fit into faculty and student research and administrative needs. The report does not identify individual installations. Most of its more than 300 pages consist of summaries of questionnaires that were completed by 2,100 of the total population of 2,800 colleges and universities in the U.S. The report shows that 1,308 of the institutions which responded had computer installations; the remainder, serving a total of 845,000 students, said they had no access to any computers. Computer expenditures by colleges and universities during the 1969-70 academic year totalled $472 million, and the report projects 1980 expenditures to exceed one billion dollars. (MG)

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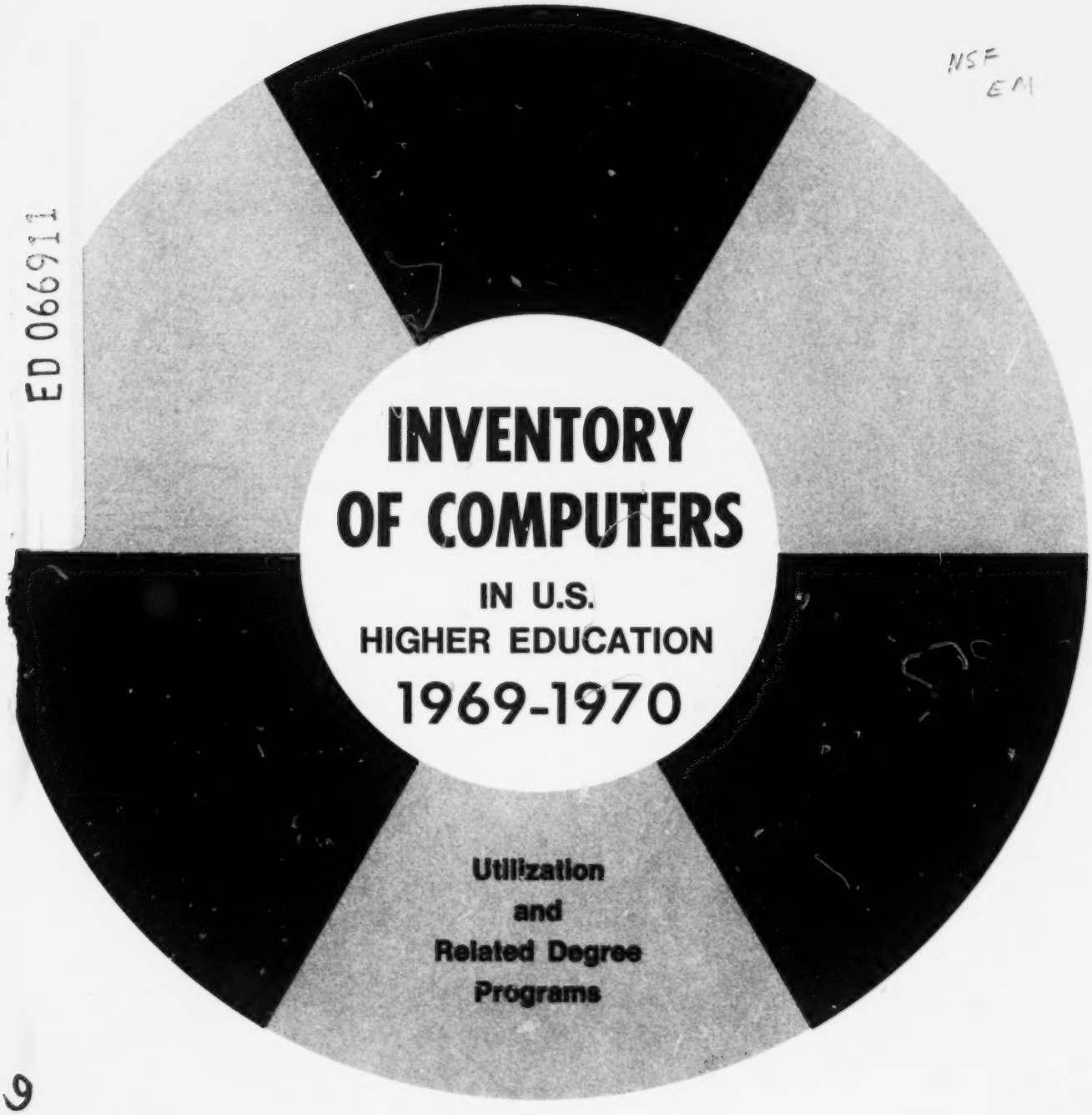

INVENTORY OF COMPUTERS IN U.S. HIGHER EDUCATION 1969-1970

Utilization and Related Degree Programs

EM 010 296

NATIONAL SCIENCE FOUNDATION • WASHINGTON, D. C. 20550

ED 066911

INVENTORY OF COMPUTERS

IN U.S. HIGHER EDUCATION

1969-1970

Utilization and Related Degree Programs

By

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A Publication Prepared
for the
Office of Computing Activities
National Science Foundation
Under Contract NSF C 604
March 1, 1972

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EDUCATION & WELFARE
OFFICE OF EDUCATION
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NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550

Letter of Transmittal

May 8, 1972

Dear Mr. President:

In order to foster scientific advancement and help to improve the computer science activities of academic institutions, The National Science Foundation sponsored a survey, Inventory of Computers, Applications of Computers, and Instructional Programs in U.S. Higher Education, 1969-70. This copy of the survey report, the follow-on to one forwarded to you earlier of 1966-67 activities, will help you to judge the progress of institutions of higher education and, in most instances, to rank your own institution within its class.

John R. Pasta
Head
Office of Computing Activities

Presidents of Universities and Colleges

Acknowledgments

This publication reports data from the third national survey which has been conducted by the Computer Sciences Project of the Southern Regional Education Board under contract with the National Science Foundation. To list everyone who cooperated in the compilation and reporting of the data for this publication is impossible. Hundreds of personnel in the reporting institutions spent many hours in assembling the information for the reports on their computing and data processing installations. Their splendid cooperation is gratefully acknowledged.

Several persons at NSF were consulted throughout all phases of the inventory. In particular, Zola Bronson and Arthur Melmed served as "technical liaisons" for the project. William L. Strickland, programmer/analyst (SREB), assisted in the systems design and programming. Data were processed on the Burroughs B5500 computer at the Rich Electronic Computer Center of the Georgia Institute of Technology in both remote and batch modes using COBOL.

The major support for the effort was provided under National Science Foundation Contract C-604. Basic support for the SREB Computer Sciences Project is also provided by grants from the Esso Education Foundation and the IBM Corporation.

John W. Hamblen
Project Director

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I. INTRODUCTION

1. Background.

This is the third such publication prepared by the Computer Sciences Project of the Southern Regional Education Board with support via contracts with the Office of Computing Activities of the National Science Foundation. The first one (1) was published by the SREB and the second (2) by NSF. These three publications provide detailed snapshots of the history of computer utilization by U.S. higher education since 1964. Approximately 1700 institutions (or campuses) of higher education are now spending nearly 500 million dollars annually for computer facilities and their operation. This amounts to approximately 2% of estimated total expenditures for higher education during 1970-71. Although recently some tightening up and reshuffling of computer facilities occurred in institutions which had been depending heavily upon the federal government for support, the total expended continued to increase. Computers have become an integral part of and an expected tool in higher education. The way in which the facilities are provided and the manner in which they are managed will no doubt have to change as usage becomes universal and new systems are introduced. But one thing appears certain, computer usage will continue to pervade the campus.

2. The Inventory.

Table I-1 gives the number of institutions (N) in each of the groups of institutions obtained by stratifying on three characteristics of the institutions. The characteristics used were:

Control:
1. Public
2. Private

Highest Level of Offering:
1. Associate
2. Bachelor's
3. Master's
4. Doctorate

Enrollment (Fall 1968) Class:
1. Below 500
2. 500 - 2,499
3. 2,500 - 9,999
4. 10,000 - 19,999
5. 20,000 and above

This stratification produced 81 non-empty groups of the 90 possible.

The major steps toward the accomplishment of the inventory were as follows:

2.1 File Initiation

A copy of the U.S. Office of Education's National Center for Educational

Statistics 1969 HEGIS directory file was obtained and used to initiate a file for each institution.

2.2 Contents of the Data File

After several conferences with the staff of the National Science Foundation and the Office of Management and Budget it was decided that several changes would be made in the kind of data collected and in some instances the way in which it was to be reported. The final forms, the instructions and copies of all enclosures which accompanied the forms to the institutions are included in the appendix.

2.3 Continuous Forms were Designed

Continuous forms were again designed in order to permit personalization of the data collection forms. The necessary classification codes, name, address, and zip code of the institution were printed on the forms prior to mailing. This insured a complete coverage according to the contents of the USOE HEGIS directory file. (See appendix)

2.4 Preparation and Dissemination of Forms

The name and address of the institution and the state and institution codes were printed on the forms prior to mailing. A mailing label was also printed from the same file. All mailings were sent to the "President" of the institution. Additional sets of forms were enclosed in the mailing to the major institutions (universities) which had reported multiple installations in 1966-67. All forms were mailed on one of the three days March 26, 29, or 30, 1971. A self-addressed, stamped envelope was enclosed.

2.5 Methods of Follow-up to Increase Response Rate

Three follow-up mailings were sent to non-respondents as of May 7, June 4, and July 13, 1971. These were sent in order to increase the response rate in a minimum length of time. The institutions were encouraged to make collect calls to SREB if questions arose. Nearly 300 calls were accepted. This proved to be a useful, though time consuming, activity. Nearly all responses were received before September 1971.

2.6 Response Rates and Extrapolation Ratios

Table I-1 gives the number of institutions (N) in each of the groups of institutions obtained by stratifying on three characteristics of the institutions. These produced 81 non-empty groups of the 90 possible. For each grouping, the number of responding institutions (n), the response rate (n/N) and an extrapolation ratio (N/n), where applicable, are presented.

2.7 Editing of Responses

The editing process was greatly enhanced by the forms design. A record was maintained of "trouble spots" which required much editing. For example it was a mistake to ask for dollar amounts in hundreds on one part of a form and thousands elsewhere. The list of such problems have been forwarded to NSF for future reference. In all cases the editing was accomplished

Table I-1
Response Rates and Extrapolation Ratios

Group	N Total No. Institutions	n No. Inst. Responding	$\frac{n}{N}$ Response Rates	$\frac{N}{n}$ Extrap. Ratio
All Institutions	2807	2103	.75	not applicable
Control:				
All Public Inst.	1306	979	.75	"
All Private Inst.	1501	1124	.75	"
Highest Level of Offering:				
Associate Degree	1049	707	.50	"
Bachelor's Degree	865	670	.78	"
Master's Degree	553	441	.80	"
Doctorate	340	285	.84	"
Enrollment (Fall 1968) Class:				
Below 500	776	519	.67	"
500 -- 2,499	1322	1008	.76	"
2,500 -- 9,999	532	423	.80	"
10,000 --19,999	135	114	.84	"
20,000 and above	42	39	.93	"
Control and Level:				
Public Associate	786	542	.69	"
Bachelor's	117	90	.77	"
Master's	226	184	.81	"
Doctorate	177	163	.92	"
Private Associate	263	165	.63	"
Bachelor's	748	580	.78	"
Master's	327	257	.79	"
Doctorate	163	122	.75	"
Control and Enrollment Class:				
Public Below 500	219	148	.68	"
500 -- 2,499	546	395	.72	"
2,500 -- 9,999	390	306	.79	"
10,000 -- 19,999	113	94	.83	"
20,000 and above	38	36	.95	"
Private Below 500	557	371	.67	"
500 -- 2,499	776	613	.79	"
2,500 -- 9,999	142	117	.82	"
10,000 -- 19,999	22	20	.91	"
20,000 and above	4	3	.75	"
Level and Enrollment Class:				
Associate Below 500	364	231	.64	"
500 -- 2,499	482	333	.69	"
2,500 -- 9,999	173	124	.72	"
10,000 -- 19,999	28	18	.64	"
20,000 and above	2	1	.50	"
Bachelor's Below 500	253	182	.72	"
500 -- 2,499	565	453	.80	"
2,500 -- 9,999	47	35	.75	"
10,000 -- 19,999	0	0	---	"
20,000 and above	0	0	---	"

Table I-1 (cont'd)
Response Rates and Extrapolation Ratios

Group	N Total No. Institutions	n No. Inst. Responding	$\frac{n}{N}$ Response Rates	$\frac{N}{n}$ Extrap. Ratio
Level and Enrollment Class: cont'd				
Master's Below 500	100	69	.69	not applicable
500 -- 2,499	217	175	.81	"
2,500 -- 9,999	206	171	.83	"
10,000 -- 19,999	26	22	.85	"
20,000 and above	4	4	1.00	"
Doctorate Below 500	59	37	.63	"
500 -- 2,499	58	47	.81	"
2,500 -- 9,999	106	93	.88	"
10,000 -- 19,999	81	74	.91	"
20,000 and above	36	34	.94	"
Control, Level and Enrollment Class (Elementary Groups)				
Public Associate Below 500	190	122	.64	1.6
500 -- 2,499	398	278	.70	1.4
2,500 -- 9,999	168	122	.73	1.4
10,000 -- 19,999	28	18	.64	1.6
20,000 and above	2	1	.50	2.0
Bachelor's Below 500	13	12	.92	1.1
500 -- 2,499	78	60	.77	1.3
2,500 -- 9,999	26	18	.69	1.4
10,000 -- 19,999	0	---	---	---
20,000 and above	0	---	---	---
Master's Below 500	7	6	.86	1.2
500 -- 2,499	46	37	.80	1.2
2,500 -- 9,999	145	117	.81	1.2
10,000 -- 19,999	24	20	.83	1.2
20,000 and above	4	4	1.00	1.0
Doctorate Below 500	9	7	.78	1.3
500 -- 2,499	24	20	.83	1.2
2,500 -- 9,999	51	49	.96	1.0
10,000 -- 19,999	61	56	.92	1.1
20,000 and above	32	31	.97	1.0
Private Associate Below 500	174	108	.62	1.6
500 -- 2,499	84	55	.66	1.5
2,500 -- 9,999	5	2	.40	2.5
10,000 -- 19,999	0	---	---	---
20,000 and above	0	---	---	---
Bachelor's Below 500	240	170	.71	1.4
500 -- 2,499	487	393	.81	1.2
2,500 -- 9,999	21	17	.81	1.2
10,000 -- 19,999	0	---	---	---
20,000 and above	0	---	---	---
Master's Below 500	93	63	.68	1.5
500 -- 2,499	171	138	.81	1.2
2,500 -- 9,999	61	54	.89	1.1
10,000 -- 19,999	2	2	1.00	1.0
20,000 and above	0	---	---	---
Doctorate Below 500	50	30	.60	1.7
500 -- 2,499	34	27	79	1.3
2,500 -- 9,999	55	44	.80	1.3
10,000 -- 19,999	20	18	.90	1.1
20,000 and above	4	3	.75	1.3

directly on the forms which were sent in by the respondents.

2.8 Card Punching

The forms design permitted the card punching to be done directly from the edited form. The usual procedures require that the data be transcribed to another form. This very time-consuming and error-prone process was completely bypassed. The card punch operators did not report any difficulties in punching from the edited forms so long as the data was carefully recorded and the original forms or good copies were used.

3. Appraisal of Accuracy of Responses.

Careful editing of the responses assures that the data as reported is contained in the file with a high degree of accuracy. In addition to the pre-editing (before card punching) two detail printouts were examined carefully and corrections made before summaries were processed. As the file was used any significant errors noticed were corrected and affected summaries rerun.

The tone of several hundred telephone conversations with the respondents indicates that the respondents made a conscientious effort to respond as accurately and thoroughly as they had data available to do so.

4. Creation of Master File.

A master file has been created on magnetic tape consisting of one 2728 character record for each installation within each institution for a total of 3330 records. A skeleton record is included for each institution which was in the file obtained from USOE. The program "SR038R" which updates the file does so on a "whole card" basis presented in any sequence and is written in B5500 COBOL as are all other programs associated with the inventory.

Another program "SR039R" prepares printer back-up tapes for each of the forms and one containing a list on non-respondents (skeleton files). This program provides a means for printing the data as contained in the file, in the same format as the data collection form, for reference to detail information on an individual installation and for proofing the file.

5. Summarization of Responses.

Upon consultation with the Office of Computing Activities it was agreed that the same three control variables which were used in the 1966-67 inventory would again be used with the same categories. These variables produced 40 elementary groups (2 x 4 x 5) and 50 groupings of the elementary groups, or a total of 90 possible summaries for each form.

The summaries selected are by no means exhaustive and numerous others may be of interest.

Summaries for each of the elementary groups, (except sections V, VII , and X which were too voluminous) each level or category of the

classification variables and a total summary are included in Sections VI-X for FORMS 1-3 respectively. A few groups were omitted because only one or two institutions were included in the summary.

6. Population Estimates.

The values contained in the summaries are straight summations for those installations which reported on each item. Approximate totals can be obtained for the population if the following assumption is made:

> Installations existed during 1969-70 in the non-reporting institutions of each elementary group in the same proportion as for the reporting institutions in that group.

i.e. If N_{ijk} = number of institutions in the ith control, jth level and kth enrollment class group [group (i, j, k)],

n_{ijk} = number of institutions reported from group (i, j, k)

C_{ijk} = number of institutions in group (i, j, k) reporting at least one installation

then $\frac{C_{ijk}}{n_{ijk}} (N_{ijk} - n_{ijk})$ = the number of non-reporting institutions in group (i, j, k) estimated to have had installations in 1969-70 and 1970-71.

hence $$\frac{\frac{C_{ijk}}{n_{ijk}} (N_{ijk} - n_{ijk}) + C_{ijk}}{C_{ijk}} = \frac{N_{ijk}}{n_{ijk}} \geq 1$$

is the factor by which totals for group (i, j, k) can be multiplied to obtain estimates for the population of institutions in group (i , j, k). If X_{ijkl} = the lth (any) total appearing in the summary for 1969-70 or 1970-71, then $\frac{N_{ijk} \; X_{ijkl}}{n_{ijk}}$ becomes our estimate of the population total for that item in group (i, j, k). This method should not be applied to groupings of the elementary groups since the larger groupings are less homogeneous and our assumption would, in general, be less valid. For

combinations of elementary groups we should combine the population estimates of the appropriate elementary groups, for example:

$$\sum_{i=i}^{2} \frac{N_{ijk} X_{ijkl}}{n_{ijk}} \quad ; \quad \sum_{j=1}^{4} \frac{N_{ijk} X_{ijkl}}{n_{ijk}} \quad ; \quad \sum_{k=1}^{5} \frac{N_{ijk} X_{ijkl}}{n_{ijk}}$$

$$\sum_i \sum_j \quad , \quad \sum_i \sum_k \quad , \quad \sum_j \sum_k \quad , \quad \sum_i \sum_j \sum_k$$

should be used to produce the population estimates for the remaining possible groupings of institutions. An intuitive argument can be made that the adjustment factor $\frac{N_{ijk}}{n_{ijk}}$ may be a little high. To counter this possibility, we are ignoring two other multiplicative factors (each equal to or greater than one) which would tend to offset this. They may be attributed to two circumstances:

a) In most groups an average of more than one installation was reported for each institution.

b) Some reporting installations did not report on certain items because they either did not wish to, or the figures were not available.

7. Publications which have used Data from the Inventory. The following articles which have been or are in the process of being published used data from the 1969-70 inventory:

Alcorn, Bruce K., "The Role of Computers in Small College Management," Administration and Organization, National Laboratory for Higher Education, Durham, North Carolina, April 1972.

Gilchrist, B. and R. E. Weber. "Employment of Trained Computer Personnel - A Quantitative Survey." Proceedings of 1972 SJCC. Montvale, N.J.: American Federation of Information Processing Societies, Inc.

Gilchrist, B. and R. E. Weber. "Sources of Trained Computer Personnel - A Quantitative Survey." Proceedings of 1972 SJCC. Montvale, N.J.: American Federation of Information Processing Societies, Inc.

Hamblen, John W. "Production and Utilization of Computer Manpower in U.S. Higher Education". Proceedings of 1972 SJCC. Montvale, N.J.: American Federation of Information Processing Societies, Inc.

Hamblen, John W. "Degree Programs in Computer Science, Data Processing, etc. Offered by Institutions of Higher Education During 1969-72",(to appear in the SIGCSE Bulletin, Spring 1972), Association for Computing Machinery, New York.

"Professional Education in Information Systems Development, "A report of the Curriculum Committee on Computer Education for Management. (to appear in Communications of the ACM, Spring 1972), New York.

References

1. Hamblen, John W. Computers in Higher Education: Expenditures, Sources of Funds and Utilization for Research and Instruction 1964-65, with Projections for 1968-69. Atlanta: Southern Regional Education Board, 1967, 325 pp. (NSF supported study).

2. Hamblen, John W. Inventory of Computers in U.S. Higher Education 1966-67: Their Utilization and Related Degree Programs. Washington, D.C.: U.S. Government Printing Office, 1970, NS 1.2 C:75, $3.00 (NSF supported study).

II. COMPUTERS

1. Number of Computers Reported

Nineteen hundred thirty four (1934) computers were reported as being in use by June 30, 1970 or on order and in use by December 31, 1970. Table II-1 gives the number of computers reported by manufacturer and model. These were reported by 1308 installations.

2. Population Estimates

By extrapolating on the number of institutions with access to computers as reported for each elementary group and summing over all groups as suggested in Section I, an estimated 1681 institutions had access to computers in late 1970. The estimates are shown in Table II-2. Estimates for groups of institutions in each of the categories of three classification variables are presented in Table II-3, II-4 and II-5.

As of June 30, 1970 (see Table II-6), 1126 of the institutions of higher education had no access to computer facilities. The SREB/NSF 1964-65 survey, with a cut-off date of about June 30, 1965, estimated that 707 of the 2219 institutions had computer facilities. In the 1966-67 inventory, two years later, 980 had computer facilities of some sort, 1936 still did not, but by then there were 2477 institutions. The number of institutions increased nearly as fast as the number of institutions with their first computer. This is not quite true, because the U.S. Office of Education adopted a new classification scheme and many multi-campus institutions were counted separately in 1966-67 and 1969-70.

3. Student Access to Computers

Nearly one million (845,000) students in higher education still have no access to computer facilities (see Table II-7). For 1964-65, the 1512 institutions without computers enrolled approximately 2.4 million students. The total enrollment then was about six million students. In 1966-67, the 1497 institutions without computers enrolled about 1.6 million students and for 1969-70 the 1126 institutions without computers enrolled approximately 845,000.

Table II-1
Number of Computers Reported by U.S.
Institutions of Higher Education
(2103 Institutions Reporting)
June 30, 1970

Manuf.	Model	Model Total	Manuf. Total
ADG	misc.	6	6
BIT	480	3	3
BUR	B2500	10	27
	B3500	3	
	B5500	11	
	B6500	2	
	other	1	
CDC	1604	5	85
	1700	6	
	3100	3	
	3150	6	
	3200	4	
	3300	11	
	3400	4	
	3600	5	
	6400	12	
	6500	2	
	6600	3	
	8090	6	
	other	18	
DAG	misc.	8	8
DEC	LINC	15	235
	PDP1	4	
	PDP5	3	
	PDP6	5	
	PDP7	8	
	PDP8	118	
	PDP9	16	
	PDP10	21	
	PDP11	8	
	PDP12	21	
	PDP15	13	
	other	3	
EAI	680	10	18
	other	8	
HEP	2114	5	32
	2115	6	
	2116	14	
	9100	7	
HON	H316	5	62
	G115	5	
	H200	17	
	G225	7	
	H516	3	
	G615	1	
	G635	4	
	G645	1	
	other	19	
IBM	SYS3	12	1221
	1130	331	
	1401	149	
	1410	5	
	1460	5	
	1620	152	
	1800	36	
	360/20	122	
	360/25	52	
	360/30	81	
	360/40	105	
	360/44	22	
	360/50	68	
	360/65	29	
	360/67	13	
	360/91	4	
	7040	6	
	7094	13	
	other	16	
NCR	100	35	54
	200	11	
	other	8	
RCA	301	4	34
	110	1	
	70/35	13	
	70/45	6	
	70/46	9	
	70/55	1	
UNI	1004	8	64
	1106	1	
	1107	1	
	1108	8	
	9200	17	
	9300	16	
	9400	2	
	other	11	
VAR	620I	6	6
XDS	Sigma 2	5	37
	Sigma 5	8	
	Sigma 7	12	
	other	12	
MISC		42	42
Total Reported			1934
Estimated Population Total			2578

Table II-2
Estimates of Numbers of Institutions with access to Computers
by Type of Control, Highest Level of Offering and Enrollment Class
June 30, 1970

Group	Insts.	# Insts. with access to Computers	% with access to computers
Public Associate Below 500	190	59	31
500 -- 2,499	398	274	69
2,500 -- 9,999	168	160	95
10,000 -- 19,999	28	27	96
20,000 and above	2	2	100
Bachelor's Below 500	13	9	69
500 -- 2,499	78	64	82
2,500 -- 9,999	26	24	92
10,000 -- 19,999	0	---	---
20,000 and above	0	---	---
Master's Below 500	7	2	29
500 -- 2,499	46	35	76
2,500 -- 9,999	145	137	95
10,000 -- 19,999	24	24	100
20,000 and above	4	4	100
Doctorate Below 500	9	7	78
500 -- 2,499	24	24	100
2,500 -- 9,999	51	49	96
10,000 --19,999	61	61	100
20,000 and above	32	31	97
Private Associate Below 500	174	19	11
500 -- 2,499	84	24	29
2,500 -- 9,999	5	3	60
10,000 -- 19,999	0	---	---
20,000 and above	0	---	---
Bachelor's Below 500	240	36	15
500 -- 2,499	487	295	61
2,500 -- 9,999	21	18	86
10,000 -- 19,999	0	---	---
20,000 and above	0	---	---
Master's Below 500	93	6	7
500 -- 2,499	171	114	67
2,500 -- 9,999	61	56	92
10,000 -- 19,999	2	2	100
20,000 and above	0	---	---
Doctorate Below 500	50	10	20
500 -- 2,499	34	26	77
2,500 -- 9,999	55	55	100
10,000 -- 19,999	20	20	100
20,000 and above	4	4	100
	2,807	1,681	60

Table II-3
Estimates of Numbers of Institutions
with access to Computers by Enrollment Class
June 30, 1970

Fall 1968 Enrollment Class	Fall '68 Enrollment (millions)	Total # Inst's.	# Inst's. with Computers	% with access to Computers
Below 500	.2	776	148	19
500-2,499	1.5	1322	856	65
2,500 - 9,999	2.7	532	502	94
10,000 - 19,999	1.9	135	134	99
20,000 and above	1.2	42	41	98
Total	7.5	2807	1681	60

Table II-4
Estimates of Numbers of Institutions
with access to Computers by Highest Level of Offering
June 30, 1970

Highest Level of Offering	Fall '68 Enrollment (millions)	Total # Insts.	# Inst's. with access to Computers	% with access to Computers
Associate	1.9	1049	568	54
Bachelor's	.8	865	446	52
Master's	1.8	553	380	69
Doctorate	3.0	340	287	84
Total	7.5	2807	1681	60

Table II-5
Estimates of Numbers of Institutions
with access to Computers by Type of Control
June 30, 1970

Type of Control	Fall '68 Enrollment (millions)	Total # Inst's.	# Inst's with access Computers	% with access Computers
Public	5.4	1306	993	76
Private	2.1	1501	688	46
TOTAL	7.5	2807	1681	60

Table II-6
Estimated Number of U.S. Institutions of
Higher Education with Access to Computer Facilities

	No. Institutions		
	With Access to Computers	Without Access to Computers	TOTAL
SREB/NSF 1964-65 Survey June 30, 1965	707	1512	2219
SREB/NSF 1966-67 Inventory June 30, 1967	980	1497	2477
SREB/NSF 1969-70 Inventory June 30, 1970	1681	1126	2807

Table II-7
Estimated Numbers of Students Enrolled at
Institutions with No Access to Computer Facilities

	No. Institutions	No. Students (Millions)
1964-65	1512	2.4
1966-67	1497	1.6
1969-70	1126	.8

4. Listing of Computers by Installation within Institution within State

The lists contained in the following pages are self-explanatory except for the DC column. A "-" in this column indicates that the computer on that line is directly coupled with the computer immediately below it. A "T" indicates that that computer is used primarily as a terminal.
The year of installation was not reported in some instances and this accounts for the "19--" entries.

	MFGR MODEL	OC	YR INSTAL
ALABAMA			
ALA AGRL AND MECH COLLEGE			
SCHOOL OF TECHNOLOGY	IBM 360/30		1968
	IBM 1401		1969
	RCA 110		1971
MONTEVALLO UNIVERSITY OF			
COMPUTER CENTER	IBM 360/20		1969
ALABAMA STATE UNIVERSITY			
COMPUTER CENTER	IBM 1620		1963
AUBURN U MAIN CAMPUS			
COMPUTER CENTER	IBM 360/50		1968
DATA PROCESSING SECTION	IBM 1401		1967
BIRMINGHAM STHN COLLEGE			
COMPUTER SERVICES	IBM 1130		1967
JOHN C CALHOUN ST TECH JC			
DATA PROCESSING	IBM 1401		1967
ENTERPRISE ST JR COLLEGE			
COMPUTER CENTER	IBM 1130		19**
FLORENCE STATE UNIVERSITY			
DATA PROCESSING	IBM 1401		1967
GADSDEN STATE JR COLLEGE			
COMPUTER SCIENCE DIVISION	IBM 1130		1966
JEFFERSON ST JR COLLEGE			
COMPUTER CENTER	IBM 1130		1966
JUDSON COLLEGE			
COMPUTER CENTER	IBM 1130		1970
LIVINGSTON UNIVERSITY			
DATA PROCESSING	IBM 360/25		1969
SAMFORD UNIVERSITY			
COMPUTER SERVICES	IBM 1130		1967
TROY STATE U MAIN CAMPUS			
DATA PROCESSING	IBM 1401		1966
	IBM 1620		1969
TUSKEGEE INSTITUTE			
COMPUTER CENTER	IBM 1620		1961
	IBM 1620		1971
ALABAMA MAIN CAMPUS U OF			
COMPUTING SERVICES	IBM 360/50		1968
ALABAMA AT BIRMINGHAM U			
COMPUTER SERVICES	IBM 360/50		1968
	IBM 360/50		1970
MULTI-LABORATORY COMP. CTR.	XDS SIGMA7		19**
	XDS SIGMA2		19**
SOUTH ALABAMA U OF			
UNIV COMPUTER CENTER	IBM 360/40		1967
ALASKA			
ALASKA MAIN CAMPUS U OF			
COMPUTER CENTER	IBM 1620		1961
	IBM 360/40		1966
ARIZONA			
ARIZONA WESTERN COLLEGE			
D P CENTER	IBM 1130		1966
EASTERN ARIZONA COLLEGE			
DATA PROCESSING	IBM 1130		1968
GLENDALE COMMUNITY COLLEGE			
BUSINESS DEPARTMENT	IBM 1130		1966
MESA COMMUNITY COLLEGE			
BUSINESS DEPARTMENT	IBM 1130		1968
PHOENIX COLLEGE			
BUSINESS DEPARTMENT	UNI 9300		1969
ARIZONA STATE UNIVERSITY			
UNIVERSITY COMPUTER CENTER	CDC 3400		1965
	GEC 425		1966
	GEC 225		1963
	GEC DNET30		1969
	IBM 1130		1969
	IBM 1130		1969
	CDC 6400		1970
DATA PROCESSING SERVICE	HON 1250		1969
DEPT OF QUANTITATIVE SYSTEMS	IBM 1620		1962
NORTHERN ARIZ UNIVERSITY			
COLLEGE OF ENGINEERING	DEC PDP8I		1969
	DEC PDP8		1968
DATA PROCESSING	IBM 360/20		1968
COLLEGE OF BUSINESS	IBM 1130		1967
ARIZONA UNIVERSITY OF			
UNIVERSITY COMPUTER CENTER	CDC 6400		1967
	UNI 9200		1969
REGISTRAR DATA PROCESSING	UNI 9300		1969
	IBM 1401		1963
ANALOG/HYBRID COMPUTER LAB	DEC PDP9		1967
MATHEMATICS DEPT	IBM 1130		1966
MARICOPA TECHNICAL COLLEGE			
DIV. OF COMPUTER TECHNOLOGY	IBM 360/30		19**
ARKANSAS			
ARKANSAS STATE U MAIN CAM			
ASU COMPUTING CENTER	IBM 360/30		1966
HENDERSON STATE COLLEGE			
DATA PROCESSING DEPT	IBM 1130		1969
ARK AT LITTLE ROCK U OF			
UALR COMPUTER CENTER	IBM 1130		1968
PHILLIPS CO CMTY COLLEGE			
DATA PROCESSING	IBM 360/20		1969
SOUTHERN STATE COLLEGE			
DATA PROCESSING CENTER	IBM 1130		1970
ARKANSAS MAIN CAMPUS,U OF			
COMPUTING CENTER	IBM 7040		1964
	IBM 1460		1968
	IBM 360/25		1970
	IBM 360/50		1970
ARKANSAS MEDICAL CTR,U OF			
COMPUTING FACILITY	CDC 3300		1968
	CDC 1700		1970
	CDC 1700		1970
	CDC 915		1969

	MFGR MODEL	DC	YR INSTAL
CALIFORNIA			
ARMSTRONG COLLEGE			
MIS AD	FRI 561C		1969
AZUSA PACIFIC COLLEGE			
BUSINESS OFFICE	IBM 360/20		1967
BIOLA COLLEGE			
COMPUTER SERVICES	IBM 1130		1968
CAL INST OF TECHNOLOGY			
A M BOOTH COMPUTING CENTER	IBM 360/75		1969
	IBM 360/50		1965
	IBM 360/44		1966
	IBM 1800		1967
CAL ST COLLEGE HAYWARD			
CAMPUS DATA CENTER	CDC 3150		1970
	IBM 1620		1963
CAL ST COLLEGE LONG BEACH			
INST STUDIES & DATA PROC	IBM 1620		1963
	IBM 360/20	T	1969
	IBM 360/20	T	19**
	UNI 1004	T	1967
CAL ST COLLEGE LOS ANG			
INSTITUTIONAL RESEARCH	IBM 1401		1961
	CDC 3300		1968
CAL STATE C DOMINGUEZ HLS			
INST STUDIES & ADP	IBM 360/20	T	1970
CAL STATE C SN BERNARDINO			
DATA PROCESSING	IBM 360/20		1970
CAL STATE POLY SN LUIS OB			
COMPUTER CENTER	IBM 360/40		1969
CAL STATE POLY C POMONA			
COMPUTER CENTER	CDC 3150		1970
FRESNO STATE C			
COMPUTER CENTER	CDC 3150	T	1970
HUMHOLDT STATE COLLEGE			
COMPUTER CENTER	CDC 3150	T	1970
SACRAMENTO STATE COLLEGE			
COMPUTER CENTER	CDC 3150		1970
SAN DIEGO STATE COLLEGE			
COMPUTER CENTER	IBM 360/40		1968
	IBM 1130		1969
SAN FERNANDO VLY STATE C			
COMPUTER CENTER	CDC 3300		1970
	GEC 225		1964
SAN FRANCISCO ST COLLEGE			
INSTITUTIONAL STUDIES	CDC 3150	T	1970
SAN JOSE STATE COLLEGE			
OFFICE OF COMPUTING	CDC 3300	T	1969
SONOMA STATE COLLEGE			
COMPUTER CENTER	NCR 200		1969
TERRITOS COLLEGE			
DATA PROCESSING CENTER	HON 200		1966
	GEC 210		1969
	CDC LGP30		1960
CHABOT COLLEGE			
DATA PROCESSING CENTER	IBM 360/30		1969
INSTRUCTIONAL COMPUTING CENTER	IBM 1130		1969
CHAFFEY COLLEGE			
DATA PROCESSING CENTER	BUR B2500		1970
	IBM 1401		1965
CHAPMAN COLLEGE			
DATA PROCESSING CENTER	NCR 100		1971
CITRUS COLLEGE			
DATA PROCESSING DEPT	IBM 1130		1969
	IBM 1401		1965
CLAREMONT UNIVERSITY CTR			
COMPUTER SERVICES	IBM 1130		1970
CLAREMONT MENS COLLEGE			
MATHEMATICS	IBM 1620		1960
HARVEY MUDD COLLEGE			
COMPUTING FACILITY	IBM 1620		1966
POMONA COLLEGE			
POMONA COLLEGE COMPUTER CENTER	IBM 360/40		1965
SEQUOIAS, COLLEGE OF THE			
DATA PROCESSING	IBM 1130		1966
DIABLO VALLEY COLLEGE			
COMPUTER SCIENCE DEPT	IBM 1130		1969
EL CAMINO COLLEGE			
DATA PROCESSING DEPT	IBM 360/25		1969
FULLERTON JUNIOR COLLEGE			
DATA PROCESSING	IBM 1130		1970
GAVILAN COLLEGE			
NATURAL SCIENCE DIVISION	HEP 2007		1969
GROSSMONT COLLEGE			
COLLEGE DATA CENTER	NCR 200		1970
LOS ANG PIERCE COLLEGE			
PIERCE COLLEGE DATA CENTER	IBM 360/30		1969
	IBM 1620		1963
LOS ANG VALLEY COLLEGE			
INSTRUCTION	IBM 1620		1962
	IBM 1401		1966
AMERICAN RIVER C MAIN CAN			
DATA PROCESSING DEPT	IBM 1620		1961
SACRAMENTO CITY COLLEGE			
DATA PROCESSING DEPARTMENT	IBM 1620		1963
LOYOLA U OF LOS ANGELES			
DATA PROCESSING SERVICES	IBM 360/25		1970
MERCED COLLEGE			
COMPUTER CENTER	IBM 360/20		1959
OCCIDENTAL COLLEGE			
DATA PROCESSING SERVICES	IBM 1401		1966
	IBM 1620		1964
COAST COMM COLLEGE DISTRICT			
DISTRICT DATA PROCESSING	IBM 360/50		1970
PACIFIC UNION COLLEGE			
DATA PROCESSING CENTER	HEP 2115A		1969
	IBM 1401		1968

		MFGR MODEL	OC	YR INSTAL
CALIFORNIA (CONTINUED)				
PASADENA CITY COLLEGE				
	COMPUTER SCIENCES DEPARTMENT	BUR B3500		1968
PEPPERDINE UNIVERSITY				
	GRAD SCH OF BUSINESS	IBM 1130		1969
RIVERSIDE CITY COLLEGE				
	DATA PROCESSING	IBM 1620		19--
SAN JOAQUIN DELTA COLLEGE				
	DATA PROCESSING OFFICE	IBM 1620		1963
		IBM 1401		1967
SAN JOSE CITY COLLEGE				
	DATA PROCESSING DEPT	IBM 360/25		1969
SANTA ANA COLLEGE				
	COMPUTER CENTER	BUR B2500		1967
SANTA BARBARA CTY COLLEGE				
	DATA PROCESSING DEPARTMENT	IBM 1401		1968
STANFORD UNIVERSITY				
	CONTROLLERS OFFICE	IBM 360/40		1968
	SCC CAMPUS FACILITY	IBM 360/67		1967
	IMSSS	DEC PDP10		1969
		DEC PDP1		1963
		DEC PDP8		1965
		DEC PDP8I		1969
		DEC PDP8I		1970
		MIC 800		1971
	ARTIFICIAL INTELLIGENCE PRO	DEC PDP10	*	1967
		DEC PDPU	*	1966
	SCC ACME FACILITY	IBM 360/50		1966
	SCC SLAC FACILITY	IBM 360/91		1968
	ELECTRONICS RES LABORATORY	HEP 2116B		1970
		HEP 2116A		1966
		XDS SIGMA5		1967
		DEC PDP8		1966
		HEP 2116B		1969
CAL BERKELEY U OF				
	COMPUTER CENTER	CDC 6400		1966
		CDC 6400		1968
		IBM 360/40		1966
CAL DAVIS U OF				
	COMPUTER CENTER	IBM 7044		1965
		BUR B5500		1969
		BUR B6500		1970
	APPLIED SCIENCE	CDC 3400		1965
CAL IRVINE U OF				
	COMPUTER FACILITY	XDS SIGMA7		1969
		DEC PDP10		1969
		DEC PDP10		1970
	MEDICAL COMPUTER FACILITY	IBM 1130	T	1966
CAL LOS ANGELES U OF				
	CAMPUS COMPUTING NETWORK	IBM 360/91		1969
		IBM 360/20	T	1967
		IBM 360/20	T	1970
	SIGMA-7 COMPUTER NETWORK	XDS SIGMA7		1967
	CEN. FOR COM.-BASED BEH. STUD.	DEC PDP10		1970
	HEALTH SCIENCES COMPUTING FAC.	IBM 360/91		1968
CAL RIVERSIDE,U OF				
	COMPUTING CENTER	IBM 360/50		1968
	COLLEGE OF SOC & BEHAV SCIENCE	DEC PDP8/F		1969
	PHYSICS DEPARTMENT	IBM 1130		1967
CAL SAN DIEGO U OF				
	COMPUTER CENTER	BUR B6500		1970
		CDC 3600		1964
		CDC 1700		1968
		IBM 1401		1964
	PICCIONI HIGH ENERGY PHYSICS	DEC PDP8		1967
	DEPT. OF PSYCHOLOGY	DEC PDP8		1967
		DEC PDP8L		1969
		DEC PDP12A		1970
		DEC PDP15		1970
		DEC PDP9		1967
		DEC PDP15		1970
		DEC PDP12A		1970
	PHYSICS MASER GROUP	DSC META4		1970
	MANAGEMENT SERVICES	IBM 360/40		19--
	VISIBILITY LABORATORY	IBM 360/44		1970
	MARINE PHYSICAL LAB.	DEC PDP8L		1968
		DEC PDP8I		1969
		DEC PDP11		1970
		HON 316		1969
		HEP 2116B		1969
	SHIPBOARD COMPUTER GROUP	IBM 1800		1967
		IBM 1800		1968
		IBM 1800		1968
		IBM 1800		1969
		DEC PDP8		1970
	DEEP SEA DRILLING PROJECT	IBM 1800		1967
	CHEMISTRY DEPARTMENT	IBM 1800		1969
		DEC PDP8		1967
	NEUROSCIENCES	DEC PDP8		1967
		DEC PDP8L		1970
		DEC PDP12		1969
		XDS SIGMA2		1968
	MYOCARDIAL INFARC. RESCH. UNIT	XDS SIGMA3		1970
CAL SAN FRISCO MEDL CTR U				
	INFORMATION SYSTEMS	IBM 360/50		1967
CAL SANTA BARBARA,U OF				
	COMPUTER CENTER	IBM 360/75		1969
		IBM 360/20		1966
	ELECTRICAL ENGINEERING	IBM 1620		1963
		IBM 1800		1966
		SEL 810		1968
CAL SANTA CRUZ, U OF				
	COMPUTER CENTER	IBM 360/40		1968
		IBM 1130		1967
		DEC PDP8I		1970

	MFGR MODEL	OC	YR INSTAL
CALIFORNIA (CONTINUED)			
REDLANDS UNIVERSITY OF			
EDUC DATA PROC CENTER	IBM 1130		1967
SAN FRANCISCO, U OF			
DATA PROCESSING	IBM 1130		1968
	RCA 70/46		1970
SANTA CLARA UNIVERSITY OF			
COMPUTER CENTER	IBM 360/25		1970
	IBM 1130		1968
SOUTHERN CALIFORNIA, U OF			
UNIVERSITY COMPUTING CENTER	IBM 360/65		1969
	HON 200		1965
ADMIN DATA PROCESSING CENTER	IBM 360/40		1967
	HON 400		1963
SYSTEMS SIMULATION LABORATORY	IBM 360/44	T	1966
	ADG 4GT/10	T	1969
GRAD SCH OF BUS ADM COMP FAC	IBM 360/30		1969
SCH OF MEDICINE COMPUTER FAC	IBM 360/50		1970
CORONARY CARE UNIT DEPT OF MED	RAY 706		1970
PACIFIC UNIVERSITY OF THE			
BUSINESS OFFICE	BUR B3500		1970
VICTOR VALLEY COLLEGE			
DATA PROCESSING	IBM 1401		1967
WEST VALLEY COLLEGE			
DATA PROCESSING	IBM 1401		1967
WHITTIER COLLEGE			
MATH DEPT	IBM 1130		1968
WOODBURY COLLEGE			
COMPUTER ROOM	IBM SYS3		1970
DE ANZA COLLEGE			
DATA SERVICES	IBM 360/40		1967
COLUMBIA JUNIOR COLLEGE			
DATA PROCESSING	IBM 1401		1968
DON BOSCO TECHNICAL INST			
ELECTRONIC TECHNOLOGY	IBM 1401		1969
COLORADO			
ARAPAHOE JUNIOR COLLEGE			
COMPUTER CENTER	NCR 100		1970
COLORADO SCHOOL OF MINES			
COMPUTING CENTER	STD IC4000		1969
	DEC PDP10		1970
UNIV OF N COLORADO			
COMPUTER CENTER	IBM 360/30		1969
FORT LEWIS COLLEGE			
COMPUTER CENTER	IBM 360/30		1970
LAMAR COMMUNITY COLLEGE			
DATA PROCESSING DEPT	DEC PDP8L		1970
UTERO JUNIOR COLLEGE			
COMPUTER CENTER	IBM 1620		1963
SOUTHERN COLO ST COLLEGE			
DATA PROCESSING CENTER	IBM 360/20		1968
TRINIDAD STATE JR COLLEGE			
DATA PROCESSING DEPARTMENT	IBM 1401		1964
COLORADO MAIN CAMPUS U OF			
COMPUTER CENTER	CDC 6400		1967
	IBM 1401		1964
	CDC 809C	T	1968
	CDC 809C	T	1970
DENVER UNIVERSITY OF			
DATA PROCESSING	IBM 1401		1964
ORI COMPUTING CENTER	BUR B5500	*	1964
	INT 4	*	1970
COLO MEDICAL CENTER, U OF			
COMPUTER SERVICES	IBM 360/40		1970
CENTRAL LABORATORY	IBM 1800		1967
COMM COLLEGE DENVER			
CCD COMPUTER CENTER	NCR 200		1970
EL PASO COMMUNITY COLLEGE			
DATA PROCESSING	IBM 360/25		1970
CONNECTICUT			
CENTRAL CONN ST COLLEGE			
COMPUTATION CENTER	IBM 360/25		1970
WESTERN CONN ST COLLEGE			
MATHEMATICS	DEC PDP8S		1968
FAIRFIELD UNIVERSITY			
EDUCATIONAL RESEARCH	IBM 1500	*	1968
	DEC PDP8I	*	1970
MANCHESTER CMTY COLLEGE			
DATA PROCESSING DEPT	IBM 1401		1966
UNIVERSITY OF NEW HAVEN			
COMPUTER CENTER	IBM 1130		1967
NORWALK ST TECH COLLEGE			
DATA PROCESSING DEPT	IBM 1620		1963
	IBM 1130		1969
QUINNIPIAC COLLEGE			
COMPUTER CENTER	UNI 9300		1968
SOUTHERN CONN ST COLLEGE			
SCSC COMPUTER CENTER	RCA 70/45		1970
TRINITY COLLEGE			
ENGINEERING	DEC PDP8	T	1966
BRIDGEPORT UNIVERSITY OF			
COMPUTER CENTER	NCR 200		1969
	IBM 1620		1962
CONN MAIN CAMPUS, U OF CONN,			
ADMINISTRATIVE DATA PROC DEPT	IBM 360/30		1968
UNIVERSITY COMPUTER CENTER	IBM 360/65		1967
	IBM 1620		1961
COMPUTER SCIENCE GROUP-DIGITAL	DEC PDP5		1964
	DEC PDP9		1968
NEW ENGLAND RES APPL CNT	IBM 1130		1968
WESLEYAN UNIVERSITY			
INFORMATION SYSTEMS	BUR B2500		1970
COMPUTER LABORATORY	IBM 1130		1969
EASTERN CONN ST COLLEGE			
DATA CENTER	IBM 1130		1970

	MFGR MODEL	OC	YR INSTAL
CONNECTICUT (CONTINUED)			
YALE UNIVERSITY			
YALE COMPUTER CENTER	IBM 1401		1961
	IBM 7094	*	1964
	IBM 7040	*	1964
GREATER HARTFORD CC			
COMPUTER CENTER	IBM 1130		1970
NEW ENGLAND INSTITUTE			
	IBM 1130		1967
DELAWARE			
DELAWARE STATE COLLEGE			
COMPUTER CENTER	IBM 1130		1966
DELAWARE UNIVERSITY OF			
COMPUTING CENTER	BUR B5500		1970
	BUR B5500		1970
	IBM 1401		1966
	IBM 1130		1969
	XDS 930C		1965
	BUR B2500		1970
	IBM 1620		1962
WESLEY COLLEGE			
COMPUTER CENTER	IBM 1130		1969
DEL TECH & CC SOUTHERN BR			
DATA PROCESSING	IBM 360/25		1971
DEL TECH & CC NORTHERN BR			
DATA PROCESSING DEPARTMENT	IBM 360/25		1969
DISTRICT OF COLUMBIA			
AMERICAN UNIVERSITY			
DEPT OF COMPUTER SERVICES	IBM 360/40		1970
CAPITOL INST TECHNOLOGY			
	DEC PDP8I		1968
CATHOLIC U OF AMERICA			
CATHOLIC UNIV COMPUTING CENTER	DEC PDP10		1969
	IBM 1620		1962
GALLAUDET COLLEGE			
ELEC DATA PROC LAB	IBM 360/30		1968
GEORGE WASH UNIVERSITY			
DATA PROCESSING	IBM 360/30		19--
COMPUTER CENTER	IBM 360/50		1968
BIOMETRIC LABORATORY	GEC 425		1965
	IBM 360/20		1971
DEPT. OF CLINICAL ENGINEERING	CDC 3300		1970
	CDC 1604		1970
	CDC 8090		1970
	DEC PDP8		1970
GEORGETOWN UNIVERSITY			
ADMIN DATA PROCESSING CNTR	IBM 360/40		1968
COMPUTATION CENTER	IBM 360/40		1967
HOWARD UNIVERSITY			
DATA PROCESSING CENTER	IBM 360/50		1969
	IBM 1620		1960
WASHINGTON TECHNICAL INST			
DATA SYSTEMS DEPT	IBM 360/30		1968
FEDERAL CITY COLLEGE			
COMPUTER CENTER	IBM 360/40		1970
FLORIDA			
FLORIDA INST TECHNOLOGY			
FIT COMPUTER CENTER	XDS SIGMA5		19--
BREVARD COMMUNITY COLLEGE			
TECHNICAL DEPARTMENT	DEC PDP12A		1970
CHIPOLA JUNIOR COLLEGE			
COMPUTER CENTER	IBM 1130		1968
DAYTONA BEACH JR COLLEGE			
DATA PROCESSING DEPT	IBM 1130		1968
EDISON JUNIOR COLLEGE			
DATA PROCESSING DEPARTMENT	IBM 1130		1970
FLA AGRICULTURAL & MECH U			
IBM DEPARTMENT	IBM 1401		1963
	IBM 1401		1970
	IBM 1130		1971
FLA ATLANTIC UNIVERSITY			
COMPUTER CENTER	IBM 360/40		1967
FLA JR COLLEGE JACKSONVILLE			
BUSINESS AND ADMINISTRATION	IBM 1401		1967
	IBM 360/30		1970
FLORIDA SOUTHERN COLLEGE			
DATA PROCESSING DEPT	IBM 360/20		1970
FLORIDA STATE UNIVERSITY			
ADMIN. DATA PROC.	HON 120C		1968
CAI CENTER	IBM 1500		1966
	DEC 680	T	1969
	DEC PDP8I	T	1970
F S U COMPUTING CENTER	CDC 6400		1966
	IBM 1401		1962
GULF COAST JUNIOR COLLEGE			
BUSINESS EDUCATION DIVISION	NCR 100		1971
BROWARD COMMUNITY COLLEGE			
DEPT OF DATA SYSTEMS	IBM 360/40		1968
MANATEE JUNIOR COLLEGE			
COMPUTER CENTER	IBM 360/30		1967
	IBM 1620		1962
MIAMI DADE JUNIOR COLLEGE			
COMPUTER CENTER	IBM 360/65	*	1966
	IBM 1130	*	1968
	IBM 1620	*	1961
NEW COLLEGE			
DIVISION OF NATURAL SCIENCES	DEC PDP11		1970
NORTH FLORIDA JR COLLEGE			
DATA CENTER	IBM 1130		1966
NOVA UNIVERSITY			
COMPUTING CENTER	SEL 86		1970
	IBM 1130		1968
OKALOOSA WALTON JUNIOR C			
COMPUTER CENTER	IBM 1401		1968
PENSACOLA JUNIOR COLLEGE			
DATA PROCESSING COMPUTER SER	IBM 360/30		1968

	MFGR MODEL	OC	YR INSTAL
FLORIDA (CONTINUED)			
POLK JUNIOR COLLEGE			
DATA PROCESSING	NCR 100		1969
ROLLINS COLLEGE MAIN CAM			
DATA PROCESSING	IBM 1620		1962
SEMINOLE JUNIOR COLLEGE			
DATA INFORMATION DEPARTMENT	NCR 100		1970
SNT JOHNS RIVER JUNIOR C			
DATA PROCESSING DEPT	HON 200		1968
SAINT LEO COLLEGE			
COMPUTER CENTER	IBM 1130		1968
SAINT PETERSBG JR COLLEGE			
DATA PROCESSING	BUR B2500		1969
	DIT 480		1970
	DAG NOVa		1970
STETSON UNIVERSITY			
DATA PROCESSING DEPARTMENT	IBM 1401		1967
TALLAHASSEE COMMUNITY COLLEGE			
DATA PROCESSING	IBM 1130		1970
FLORIDA UNIVERSITY OF			
SHANDS TEACHING HOSP AND CLIN	IBM 360/30		1969
ADMINISTRATIVE COMPUTING CTR	IBM 360/50		1969
BUREAU OF ECON & BUSINESS RES	IBM 1620		1963
COMPUTING CENTER	IBM 1401		1963
	IBM 360/65		1969
MIAMI UNIVERSITY OF			
UNIV OF MIAMI COMPUTER SER	IBM 360/65		1969
	IBM 360/25		1969
SOUTH FLORIDA U OF			
COMPUTER RESEARCH CENTER	IBM 360/65		1970
	IBM 1410		1963
	DEC PDP8		19**
TAMPA UNIVERSITY OF			
COMPUTER CENTER	NCR 100		1967
FLORIDA TECHNOLOGICAL U			
INFORMATION SYSTEMS	HON 1200		1968
	IBM 1130		1970
WEST FLORIDA U OF			
COMPUTER SERVICES	IBM 360/40		1967
VALENCIA JUNIOR COLLEGE			
DATA PROCESSING	NCR 100		1969
FT LAUDERDALE UNIVERSITY			
COMPUTER CENTER	IBM 360/40		1969
GEORGIA			
ABRAHAM BALDWIN AGRL C			
CENTER FOR AUTOMATION	UNI 9200	T	1970
AGNES SCOTT COLLEGE			
CHEMISTRY	DEC PDP8S		1969
ALBANY JUNIOR COLLEGE			
OFFICE OF THE REGISTRAR	IBM 1130	T	1971
ALBANY STATE COLLEGE			
COMPUTER CENTER	IBM 1130	T	1970
EMORY U MAIN CAMPUS			
DATA PROC CENTER	UNI 9300		1968
EMORY UNIVERSITY COMPUTING CTR	RCA 70/46	*	1970
	RCA 70/55	*	1970
	RPC 4000	*	1962
CHEMISTRY DEPARTMENT	DEC PDP10		1970
EMORY UNIV HOSP COMP CENT	IBM 360/30		1968
BUSINESS SCH COMPUTER CENT	DEC PDP8I	T	1968
FORT VALLEY STATE COLLEGE			
SCIENCE DEPT	IBM 1130		1970
GA INST OF TECHN MAIN CAM			
RICH ELECTRONIC COMPUTER CENT	BUR B55C0		1962
	UNI 1108		1967
CIVIL ENGINEERING	HAN 700a		1970
	OLIVETTI		1970
SCHOOL OF ELECTRICAL ENG	HON 316		1969
	GRI 909		1970
INDUSTRIAL & SYSTEMS ENGR	DEC PDP8S		19**
INFORMATION COMPUTER SCI	DEC PDP8I	T	1968
NUCLEAR ENGINEERING	DEC PDP8	*	1968
	DEC PDP8I	*	1969
	DEC PDP12	*	1970
	DEC PDP11	*	1971
PHYSICS	DEC PDP8		19**
	DEC PDP8		19**
	DEC PDP8L		19**
TEXTILE ENGINEERING	HEP 9100A		1968
	HEP 9101A		1970
	HEP 9100B		1970
	HEP 9100B		1971
GA INST TECHN STHN TECH			
SOUTHERN TECH DATA PROC	IBM 1401		1967
GEORGIA SOUTHERN COLLEGE			
REGISTRARS OFFICE	NCR 500		19**
GA SOUTHWESTERN COLLEGE			
DATA PROCESSING CENTER	IBM 1130	T	1970
GEORGIA STATE UNIVERSITY			
COMPUTER CENTER	IBM 7094		1970
	RCA 70/46		1969
	IBM 1401		1967
	IBM 1800		1968
MIDDLE GEORGIA COLLEGE			
REGISTRAR S OFFICE	IBM 5Y53		1970
GEORGIA, UNIVERSITY OF			
COMPUTER CENTER	IBM 360/65		1966
	IBM 7094		1964
	IBM 1401		1963
	IBM 1401		1964
	CDC 6400		1970
	IBM 1130		1967
	IBM 1620		1962
VALDOSTA STATE COLLEGE			
COMPUTING CENTER	UNI 9200	T	1970

	MFGR	MODEL	OC	YR INSTAL
GEORGIA (CONTINUED)				
WEST GEORGIA COLLEGE				
COMPUTER CENTER	IBM	360/30		1969
	IBM	1620		1964
GEORGIA COLLEGE				
COMPUTER CENTER	UNI	9200	T	1971
HAWAII				
HAWAIIMAIN CAMPUS, UNIV OF				
COMPUTING CENTER	IBM	360/65		1969
	HEP	2116		1969
	IBM	7040		1963
	IBM	1401		1963
POPULATION GENETICS LAB	CDC	1100		1966
HAWAII KAPIOLANI CC U OF				
DATA PROCESSING DEPT	IBM	1130	T	1970
LEEWARD COMMUNITY COLLEGE				
MATH & NATURAL SCIENCES	IBM	1130	T	1969
IDAHO				
BOISE STATE COLLEGE				
CENTER FOR DATA PROCESSING	IBM	360/30		1970
IDAHO STATE UNIVERSITY				
COMPUTER CENTER	IBM	360/20		1963
	IBM	1130		1967
	IBM	1620		1968
LEWIS CLARK ST COLL				
	IBM	SYS3		1971
N IDAHO JR COLLEGE				
	IBM	1130		1970
NTHWST NAZARENE COLLEGE				
DIV OF MATH & NATURAL SCIENCE	UNI	ATHENA		1968
NICKS COLLEGE				
COMPUTER CENTER	NCR	100		1969
IDAHO, UNIVERSITY OF				
COMPUTER CENTER	IBM	360/40		1967
	IBM	360/40		1967
ILLINOIS				
AUGUSTANA COLLEGE				
COMPUTER CENTER	IBM	360/20	T	1968
BELLEVILLE AREA COLLEGE				
BELLEVILLE AREA COL COMP CTR	IBM	360/25		1969
BLACK HAWK C MAIN CAMPUS				
DATA PROCESSING CENTER	IBM	1401		1967
ENGINEERING RELATED DIVISION	DEC	POPEI		1970
PRAIRIE STATE COLLEGE				
DATA PROCESSING SERVICES	IBM	360/25		1969
BRADLEY UNIVERSITY				
DATA PROCESSING	IBM	360/20		1968
COMPUTER CENTER	IBM	360/40		1968
SPOON RIVER COLLEGE				
DATA PROCESSING DEPT	IBM	1130		1970
CHICAGO CITY C LOOP CAM				
DATA PROCESSING DEPT	IBM	360/20		1969
DANVILLE JUNIOR COLLEGE				
DATA CENTER	NCR	200		1969
DEPAUL UNIVERSITY				
UNIVERSITY COMPUTER CENTER	IBM	1401		1965
DEVRY INST OF TECHNOLOGY				
ADVANCED TECHNOLOGY	IBM	1401		1966
EASTERN ILL UNIVERSITY				
	IBM	360/50		1968
	IBM	1620		1962
ELGIN COMMUNITY COLLEGE				
DATA PROCESSING DEPARTMENT	NCR	200		1969
HIGHLAND CMTY COLLEGE				
DIVISION OF BUSINESS ADMINIST	HON	200		1968
ILLINOIS INST TECHNOLOGY				
INFORMATION SCIENCE CENTER	UNI	1108	*	1969
	SCC	470C	*	1969
	IBM	1620	*	1961
ILLINOIS STATE UNIVERSITY				
COMPUTER SERVICES	IBM	1130		1968
	IBM	1130		1968
	IBM	360/20		1968
	IBM	360/40		1968
	IBM	360/50		1970
NTHESTN ILL STATE COLLEGE				
COMPUTER SERVICES	IBM	360/30		1968
CHICAGO STATE COLLEGE				
COMPUTER CENTER	IBM	360/40		1970
JOLIET JUNIOR COLLEGE				
DATA PROCESSING CENTER	NCR	100		1969
KASKASKIA COLLEGE				
COMPUTER CENTER	IBM	360/25		1969
KNOX COLLEGE				
DATA PROCESSING	IBM	1130		1967
ILLINOIS VLY CMTY COLLEGE				
DATA PROCESSING DEPARTMENT	IBM	360/25	*	1970
LAKE FOREST COLLEGE				
COMPUTER SERVICES	IBM	1130		1969
LOYOLA UNIVERSITY OF CHICAGO				
INFORMATION SYSTEMS	IBM	360/40		1969
	IBM	360/40		1970
MACMURRAY COLLEGE				
PHYSICS DEPARTMENT	HEP	2000A		1970
MORTON COLLEGE				
MORTON DATA CENTER	IBM	360/30		1967
NATIONAL COLLEGE OF ED				
DATA PROCESSING	IBM	1130		1969
NORTH PARK C & THEOL SEM				
DATA PROCESSING DEPT	IBM	1130		1967
NORTHERN ILL UNIVERSITY				
COMPUTER SERVICES DEPARTMENT	IBM	360/67		1970
	IBM	360/20	T	1969
	IBM	1620	T	1964
	DEC	POP8S	T	1969
	BIT	480	T	1969

	MFGR MODEL	OC	YR INSTAL
ILLINOIS (CONTINUED)			
NORTHWESTERN UNIVERSITY			
ADMIN DATA PROCESSING	IBM 360/30		1969
VOGELBACK COMPUTING CENTER	CDC 6400		1968
OLIVET NAZARENE COLLEGE			
MATHEMATICS	IBM 1130		1967
ROCK VALLEY COLLEGE			
DATA PROCESSING	IBM 360/25		1969
ROOSEVELT UNIVERSITY			
COMPUTER CENTER	IBM 1401		1965
SAUK VALLEY COLLEGE			
COLLEGE DATA CENTER	NCR 100		1970
THE ART INSTITUTE OF CHICAGO			
DATA PROCESSING	UNI 9200		1970
SOUTHEASTERN ILLINOIS COLLEGE			
DATA PROCESSING DEPT	IBM 1130		1970
STHN ILLINOIS U MAIN CAM			
DATA PROCESS & COMPUTING CNTR	IBM 360/65		1971
	IBM 1401		1960
	IBM 1130	T	1970
VTI DATA PROCESSING	IBM 1401		1964
	IBM 360/40		1967
STHN ILLINOIS U EDWARDSVL			
DATA PROCESSING & COM. CEN.	IBM 360/40		1970
SCIENCE & TECHNOLOGY	HON 516	*	1969
	HON 516	*	1969
	HON M21	*	19**
SAINT PROCOPIUS COLLEGE			
MATHEMATICS DEPARTMENT	HEP 2114		1970
TRITON COLLEGE			
DATA PROCESSING CENTER	IBM 360/40		1970
THE UNIVERSITY OF CHICAGO			
COMPUTATION CENTER	IBM 360/65	*	1970
	IBM 7094	*	1962
	IBM 1401	*	1965
	IBM 1401	*	1965
	IBM 1401	*	1968
	IBM 360/20	T	1970
DEPT OF CHEMISTRY	DEC PDP8I		1969
	DEC PDP8I		1970
INST. FOR COMPUTER RESEARCH	MANIACIII		1961
	DEC PDP8	T	1964
OPHTALMOLOGY	DEC PDP15		1970
DEPT OF THEORETICAL BIOLOGY	DEC PDP8I		1969
ENRICO FERMI INSTITUTE	XDS 930		1966
	VAR 620I		1968
	VAR 620I		1970
OBSTET GYNEC	DEC PDP8I		1969
EAR NOSE AND THROAT LAB	DEC PDP8L		1969
MEDICINE I	DEC PDP8I		1969
	DEC PDP12		1969
EDUCATION STATISTICS LAB	IBM 1130	T	19**
PULMONARY FUNCTION LAB	DEC PDP12		19**
BIOMEDICAL COMPUTATION FAC	DEC PDP8		1966
	IBM 1401		1962
ILL URBANA CAMPUS, U OF	IBM 360/20	T	1970
UOC ADMINISTRATIVE DATA PROC	IBM 360/50		1967
	IBM 360/20		1967
ELECT ENG	CDC 6200		1963
	CDC 6200		1968
CIVIL ENGRG SYSTEM LABORATORY	BUR B5500	T	1968
COMMERCE COMPUTER CENTER	IBM 1620		1965
CHEMISTRY	IBM 1800		1967
	EAI 580		1970
SERVICE COMPUTERS U OF ILL	IBM 360/75		1968
	IBM 360/20		19**
COORDINATED SCIENCE LABORATORY	CDC 1604		1961
PHYSICS DEPARTMENT	IBM 7094		1962
	IBM 1401		1962
	CSX-1		1962
CERL	IBM 1401		1962
	CDC 1604		1965
	CDC 6400		1970
ILLIAC IV PROJECT	NCR 310		19**
ILL CHICAGO CIRCLE, U OF	BUR B5500		1967
ADMINISTRATIVE DATA PROCESSING	IBM 360/50		1970
COMPUTER CENTER	IBM 360/65		1970
	IBM 1800	T	19**
COLLEGE OF ENGINEERING	DEC PDP8I		1969
	DEC PDP8I		1969
	GEC 225		1965
	EAI 680		1966
WESTERN ILL UNIVERSITY			
COMPUTER SERVICES	IBM 360/50		1970
WHEATON COLLEGE			
ACADEMIC COMPUTER CENTER	IBM 360/30		1969
	DEC PDP12A		1970
ILL MEDL CTR CHGO U OF			
ADMINISTRATIVE DATA PROCESSING	IBM 360/40		1968
RESEARCH RESOURCES LABORATORY	IBM 360/44		1970
	IBM 1620		1965
	DEC PDP8I		1970
WM RAINEY HARPER COLLEGE			
COMPUTER CENTER	IBM 360/40		1970
DUPAGE COLLEGE OF			
DATA PROCESSING DEPT	IBM 360/40		1970
WAUBONSEE CMTY COLLEGE			
COMPUTER SERVICES	IBM 360/25		1970
PARKLAND COLLEGE			
COMPUTER CENTER	IBM 360/30		1970
CARL SANDBURG COLLEGE			
DATA PROCESSING CENTER	IBM 1130		1969

	MFGR MODEL	OC	TR	INSTAL
ILLINOIS (CONTINUED)				
LAKE LAND COLLEGE				
DATA PROCESSING DEPARTMENT	IBM 1401			1968
KISHWAUKEE COLLEGE				
DATA PROC	IBM 1130			1969
MCHENRY COUNTY JR COLLEGE				
BUSINESS DEPT	NCR 100			1969
MORAINE VLY CMTY COLLEGE				
INFORMATION SYSTEMS	IBM 360/30			1970
LAKE COUNTY COLLEGE OF				
DATA CENTER	IBM 1401			1969
INDIANA				
BALL STATE UNIVERSITY				
COMPUTER DATA PROCESSING CNTR	IBM 360/50			1970
	IBM 360/20			1968
DEPAUW UNIVERSITY				
COMPUTER CENTER	IBM 1620			1961
	IBM 1401			1967
FARLHAM COLLEGE				
COMPUTER CENTER	IBM 1130			1967
EVANSVILLE, UNIVERSITY OF				
COMPUTER & DATA PROCESS CTR	IBM 360/25			1969
	IBM 1620			1964
FRANKLIN COLLEGE INDIANA				
DATA PROCESSING	BUR TC500	T		1969
GOSHEN COLLEGE				
PHYSICS	DEC PDP8L			1969
INDIANA CENTRAL COLLEGE				
DATA PROCESSING DEPARTMENT	IBM 1130			1968
INDIANA INST TECHNOLOGY				
MATH	IBM 1130			1967
INDIANA STATE UNIVERSITY				
COMPUTER CENTER	IBM 360/30			1968
	IBM 1130			1967
INDIANA U AT BLOOMINGTON				
DATA SYSTEMS AND SERVICES	IBM 360/50			1969
	IBM 360/30			1967
RESEARCH COMPUTING CENTER	CDC 3400	*		1966
	CDC 3600	*		1964
	CDC 6600	*		1970
BUSINESS COMPUTER CENTER	HON 200	T		1967
CHEMISTRY	XDS SIGMA2			1968
INDIANA GEOLOGICAL SURVEY	CDC 615			19**
PHYSICS DEPARTMENT	DEC PDP15			1970
	DEC PDP15			1970
CYCLOTRON FACILITY	XDS SIGMA2			1969
INST RESEARCH PUBLIC SAFETY	IBM 1800			1968
PSYCHOLOGY	IBM 1800			1967
ANATOMY AND PHYSIOLOGY	DEC LINC8			1968
	DEC PDP8I			1968
	DEC PDP12			1970
	EAI 580			1969
IND PURDUE U AT INDIANAPOLIS				
MEDICINE KRANNERT	HON H316			1969
BIOCHEMISTRY DEPARTMENT	DEC PDP15			1970
EDUCATIONAL COMPUTER CENTER	IBM 360/20	T		1968
	IBM 1620	T		1962
HOSPITAL DATA PROCESSING	IBM 360/40			1970
RESEARCH COMPUTATION CENTER	IBM 7040			1965
	DEC PDP8I			1966
	DEC PDP8I			1970
INDIANA UNIV NORTHWEST				
COMPUTER CENTER	IBM 1130	T		1968
MANCHESTER COLLEGE				
COMPUTER CENTER	IBM 1130			1969
PURDUE U MAIN CAMPUS				
ADM DATA PROC	IBM 360/30			1970
PURDUE UNIV COMPUTING CENTER	CDC 6500	*		1967
	IBM 7094	*		1965
	IBM 7094	*		1970
	IBM 1401	T		1966
	IBM 1401	T		1970
	IBM 1130	T		1968
PURDUE LAB FOR APPL IND CON	CDC 1700	*		1968
	EAI 680	*		1968
	EAI 680	*		1965
ELECTRICAL ENG	DEC PDP9			1968
AERO ASTRO & ENGR SCIENCES	IBM 1130			1969
BIOLOGICAL SCIENCES	DEC LINC8			1966
	DEC PDP8I			1968
PSYCHOLOGY	DEC LINC8			1967
	DEC PDP8L			1969
PHYSICS	IBM 360/44			1967
CHEMISTRY	HEP 2116A			1968
	HEP 2115A			1968
	HEP 2116B			1969
PURDUE U NORTH CEN CAMPUS				
COMPUTER CENTER	IBM 360/20	T		1968
PURDUE U CALUMENT CAMPUS				
COMPUTER SERVICES	IBM 1620			1963
	IBM 360/20	T		1968
SNT JOS COLLEGE MAIN CAM				
COMPUTER CENTER	IBM 1130			1968
TAYLOR UNIVERSITY				
COMPUTING CENTER	IBM 1130			1967
	DEC PDP8L			1970
TRI-STATE COLLEGE				
COMPUTER CENTER	IBM 1620			1965
	IBM 1130			1969
NOTRE DAME, UNIVERSITY OF				
COMPUTING CENTER	UNI 1107			1963
VALPARAISO UNIVERSITY				
MEMORIAL	IBM 360/20			1967
GELLERSON	IBM 1710			1967

	MFGR	MODEL	OC	YR INSTAL
INDIANA (CONTINUED)				
VINCENNES UNIVERSITY				
COMPUTING CENTER	IBM	1620		1964
	GEC	255		1969
WABASH COLLEGE				
COMPUTER CENTER	IBM	1620		1964
IOWA				
AREA XV COMMUNITY COLL				
	IBM	360/30		1970
CENTRAL U OF IOWA				
COMPUTER CENTER	IBM	1130	T	1970
CLARKE COLLEGE				
COMPUTER SCIENCES	IBM	1130	T	1966
COE COLLEGE				
COE COLLEGE COMPUTER CENTER	IBM	1130		1967
CORNELL COLLEGE				
DATA PROCESSING	IBM	1130		1966
DRAKE UNIVERSITY				
DRAKE COMPUTER CENTER	HON	1200		1969
IOWA STATE U SCI & TECHN				
DATA PROCESSING SERVICE	IBM	360/40		1970
	IBM	360/40		1966
COMPUTATION CENTER	IBM	360/65		1966
	DEC	LINC8		1969
	DEC	PDP12		1969
	EAI	8800		1967
LUTHER COLLEGE				
COMPUTER CENTER	IBM	1130		1969
MORNINGSIDE COLLEGE				
JACOBSEN COMPUTER CENTER	IBM	1130		1968
PARSONS COLLEGE				
DATA PROCESSING CENTER	IBM	1440		1964
NORTHERN IOWA,U OF				
DATA PROCESSING CENTER	IBM	360/40		1968
IOWA UNIVERSITY OF				
UNIVERSITY COMPUTER CENTER	IBM	360/65		1967
PHYSICS RESEARCH CENTER	UNI	4181		1964
	UNI	4181I		1964
UPPER IOWA UNIVERSITY				
DATA CENTER	IBM	1620		1967
WESTMAR COLLEGE				
COMPUTER	IBM	1130		1968
KIRKWOOD COMMUNITY COLLEGE				
DATA PROCESSING EDUCATION DEPT	IBM	1440		1966
	IBM	360/40		1970
DES MOINES AREA CC- ANKENY				
DATA PROCESSING	IBM	360/30		1968
KANSAS				
COWLEY CO CMTY JR COLLEGE				
GERALD H ANDERSON	IBM	1130		1970
BUTLER CO CMTY JR COLLEGE				
BUSINESS EDUCATION	IBM	360/20		1970
	MONROBOTRI			1966
FORT HAYS KANS ST COLLEGE				
DATA PROCESSING CENTER	IBM	1401		1967
KANSAS CITY KANS CMTY JC				
DATA PROCESSING	IBM	360/20		1966
KANSAS ST COLLEGE PITTSBG				
DATA PROCESSING CENTER	IBM	1401		1967
KANS ST TCHRS C EMPORIA				
DATA PROCESSING CENTER	IBM	1401		1967
KANSAS ST U AGR & APP SCI				
DATA PROCESSING CENTER	IBM	360/30		1969
COMPUTING CTR	IBM	360/50		1967
	IBM	1620		1961
WASHBURN U OF TOPEKA				
COMPUTER CENTER	IBM	1130		1967
	IBM	1620		1963
WICHITA STATE UNIVERSITY				
DIGITAL COMPUTING CENTER	IBM	1130		1968
	IBM	1620		1960
	IBM	360/44		1970
BARTON CO CMTY JR COLLEGE				
COMPUTER CENTER	NCR	100		1969
KANSAS TECHNICAL INST				
COMPUTER TECHNOLOGY DEPT	IBM	1130		1967
SEWARD CO CMTY JR COLLEGE				
	NCR	100		1970
KENTUCKY				
BEREA COLLEGE				
COMPUTER CENTER	IBM	1130		1967
KENTUCKY STATE COLLEGE				
COMPUTER SCIENCE	IBM	1130		1970
MOREHEAD STATE UNIVERSITY				
DATA PROCESSING DEPARTMENT	HON	200		1966
MURRAY STATE UNIVERSITY				
COMPUTER CENTER	IBM	360/40		1969
	IBM	360/20		1967
	IBM	1130		1966
TRANSYLVANIA UNIVERSITY				
COMPUTER CENTER	IBM	1130		1969
UNION COLLEGE				
DATA PROCESSING	IBM	1130		1970
KENTUCKY MAIN CAMPUS U OF				
COMPUTING CENTER	IBM	360/65		1969
UNIVERSITY OF LOUISVILLE				
UNIVERSITY COMPUTER CENTER	IBM	360/40		1970
MEDICAL COMPUTER CENTER	IBM	1130		1966
SPEED COMPUTER CENTER	HON	DDP116		1969
THOMAS MORE COLLEGE				
DATA PROCESSING DEPT	IBM	1130		1969
PADUCAH COMMUNITY COLLEGE				
DATA PROCESSING DEPARTMENT	IBM	1130		1969

	MFGR MODEL	DC	YR INSTAL
LOUISIANA			
CENTENARY COLLEGE			
COMPUTING CENTER	IBM 1130		19--
NICHOLLS STATE UNIVERSITY			
DATA PROCESSING	IBM 1130		1967
LOUISIANA TECH UNIVERSITY			
LA TECH COMPUTING CENTER	IBM 360/30		1967
	IBM 1620		1962
LA STATE U BATON ROUGE			
DATA PROCESSING	IBM 360/40		1970
COMPUTER RESEARCH CENTER	IBM 360/65		1968
LA STATE U SHREVEPORT			
DATA PROCESSING CENTER	IBM 360/20		1967
LA ST U MEDL CTR NEW ORLS			
BIOMETRY COMPUTING CENTER	IBM 1620		1961
	IBM 1401		1967
LA STATE U NEW ORLEANS			
DATA PROCESSING	IBM 1401		1964
COMPUTER RESEARCH CENTER	DEC PDP10		1969
	IBM 1620		1964
	IBM 1620		1970
MCNEESE STATE UNIVERSITY			
DATA PROCESSING	IBM 360/20		1968
COMPUTER CENTER MAIN CAMPUS	IBM 1130		1967
BURTON COMPUTATION CENTER	EAI 640	*	1968
	EAI 680	*	1968
	UNI ATHENA	*	1969
	TRW 330	*	1969
NORTHEAST LOUISIANA UNIVERSITY			
DATA PROCESSING	IBM 360/30		1970
NTHWSTN ST UNIV OF LA			
COMPUTING CENTER	UNI 9400		1970
SOUTHEASTERN LA UNIVERSITY			
COMPUTING CENTER	NCR 615		1969
SOUTHERN UNIV AND A. & M. COL.			
COMPUTER SCIENCE CENTER	IBM 360/40		1968
TULANE U OF LOUISIANA			
TULANE COMPUTER LAB	IBM 7044	*	1965
	DEC PDP8L	*	1970
TABULATING	IBM 1401		1967
TULANE PHS ANNT PROJECT	IBM 1800		1967
STHWSTN LOUISIANA U OF			
USL COMPUTING CENTER	RCA 70/46		1970
BELGARD COLLEGE			
ACCOUNTING DEPARTMENT	IBM 1401		1966
MAINE			
BOWDOIN COLLEGE			
COMPUTING CENTER	IBM 1620		1965
	DEC PDP10		1970
MAINE GORHAM U OF			
COMPUTING AND DATA PROC SER	IBM 1620		1968
MAINE UNIVERSITY WIDE SERVICES			
COMPUTING AND DATA PROC SER	IBM 360/40		1969
CHEMICAL ENGINEERING DEPT	IBM 1800	*	1968
	EAI 231R	*	1964
MAINE PORTLAND U OF			
COMPUTING AND DATA PROC SER	IBM 1130		1969
MARYLAND			
ALLEGANY CMTY COLLEGE			
COMPUTER CENTER	NCR 615		1971
ANNE ARUNDEL CMTY COLLEGE			
DATA PROCESSING CURRICULUM	IBM 360/30		1970
CMTY COLLEGE OF BALTIMORE			
CCB DATA CENTER	UNI 9300		1969
	IBM 1620		1966
BOWIE STATE COLLEGE			
DATA PROCESSING DEPARTMENT	HON 200	T	19--
CATONSVILLE CMTY COLLEGE			
COMPUTER SERVICES	IBM 360/20	T	19--
CHARLES CO CMTY COLLEGE			
DATA PROCESSING DEPT	IBM 360/30		1968
COPPIN STATE COLLEGE			
COMPUTER CENTER	HON 200	T	1968
FROSTBURG STATE COLLEGE			
DATA PROCESSING	HON 200	T	1968
GOUCHER COLLEGE			
COMPUTER CENTER	IBM 1130		1966
HARFORD JUNIOR COLLEGE			
DATA PROCESSING DEPT	IBM 360/25		1969
JOHNS HOPKINS UNIVERSITY			
UNIVERSITY COMPUTING CENTER	IBM 1401		1968
	IBM 1401		1962
	IBM 7094		1967
COMP FACILITY PHYSICS	XDS SIGMA7		19--
	DEC PDP8		19--
COMPUTING CENTER JHU MEDICAL	CDC 3300		1969
CTR SOCIAL ORG OF SCHOOLS	IBM 1401		1964
MONTGOMERY C ROCKVILLE & TAKOM			
DATA PROCESSING CENTER	IBM 360/30		1968
MOUNT SNT MARYS COLLEGE			
DATA PROCESSING DEPARTMENT	IBM SYS3		1970
PRINCE GEORGES CC			
INSTITUTIONAL RESEARCH	IBM 360/30		1968
SALISBURY STATE COLLEGE			
COMPUTER CENTER	HON 200	T	1968
BALTIMORE UNIVERSITY OF			
DATA PROCESSING CENTER	IBM 1130		1969
MD MAIN CAMPUS, U OF			
ADMINISTRATIVE DATA PROC	UNI 1108		1971
	IBM 360/20		1968
COMPUTER SCIENCE CENTER	UNI 1108		1967
	IBM 7094		1963
	IBM 1401		1963
	IBM 1401		1964
ENGR COMPUTER FACILITY	UNI 9300	T	1970
DEPT OF PHYSICS & ASTRONOMY	IBM 360/44	T	1968
MCKELDIN LIBRARY	UNI 9300	T	1969

	MFGR MODEL	OC	YR INSTAL
MARYLAND (CONTINUED)			
MD BALT PROF SCHOOL OF HEALTH SCIENCES COMPUTER CTR	IBM 360/44		1967
	IBM 1800		1970
	UNI 9300		1970
UNIV OF MD, BALT COUNTY CAMPUS DATA PROCESSING DEPT	UNI 9300	T	1969
UNIV OF MD-ES MATHEMATICS & NAT SCI DEPT	IBM 1130		1970
	IBM SYS3		1970
WASHINGTON COLLEGE COMPUTING CENTER	IBM 1130		1969
WESTERN MARYLAND COLLEGE COMPUTER CENTER	IBM 1800		1969
MASSACHUSETTS			
AMHERST COLLEGE			
COMPUTER CENTER ADMINISTRATIVE	IBM 1401		1967
COMPUTER CENTER ACADEMIC	IBM 1130		1967
ATLANTIC UNION COLLEGE COMPUTER CENTER	IBM 1130		1969
MERRIMACK COLLEGE MERRIMACK COLLEGE COMP CTR	IBM 1130		1966
BABSON COLLEGE COMPUTER SERVICES	HEP 2000A		1970
BENTLEY COLLEGE COMPUTER CENTER	IBM 1130		1968
BOSTON COLLEGE COMPUTING CENTER	IBM 360/40		1967
BOSTON UNIVERSITY ADMINISTRATIVE DATA PROCESSING	IBM 360/40		1968
COMPUTING CENTER	IBM 360/50		1969
BRANDEIS UNIVERSITY BRANDEIS COMPUTER CENTER	IBM 1130		1968
CLARK UNIVERSITY COMPUTER CENTER	IBM 1620		1963
HOLY CROSS COLLEGE OF THE DATA PROCESSING CENTER	IBM 360/25		1969
JEAN JUNIOR COLLEGE DATA PROCESSING CENTER	IBM 360/20		1966
EASTERN NAZARENE COLLEGE COMPUTING CENTER	IBM 1130		1968
HARVARD UNIVERSITY			
DATA PROCESSING BUREAU	IBM 1401		1964
	IBM 360/20	T	1970
COMPUTING CENTER	IBM 360/65		1969
COMPTROLLER'S OFFICE	IBM 360/30		1967
ENGINEERING & APPLIED PHYSICS	DEC PDP10		1969
	DEC PDP13		1967
LOWELL TECHNOLOGICAL INST			
COMPUTATION CENTER	IBM 1620		1962
DEPT OF ELECTRICAL ENGINEERING	HEP 2116	T	1970
NUCLEAR CENTER	DEC PDP9		1967
DATA PROCESSING	IBM 360/20		1970
HOLYOKE COMMUNITY COLLEGE COMPUTER TECHNOLOGY	NCR 100		1970
MT WACHUSETT CMTY COLLEGE DATA PROCESSING DEPT	IBM 1130		1967
BRISTOL COMMUNITY COLLEGE ELECTROMECHANICAL ENG TECH	HEP 2114B		1970
MASS INST OF TECHNOLOGY			
COMPTROLLERS ACCOUNTING OFFICE	IBM 360/30		1968
PROJECT MAC	DEC PDP6		1969
	DEC PDP10		1970
	DEC PDP8		1965
	DEC PDP7		1967
LAB FOR NUCLEAR SCIENCE	IBM 360/65		19**
	DEC PDP10		19**
	DEC PDP6		19**
	DEC PDP8		19**
	DEC PDP9		19**
	DEC PDP8		19**
	DEC PDP1		19**
	NOI 50-50		19**
OFFICE OF INST STUDIES	IBM 360/30		1968
CENT FOR ADVANCED ENG STUDY	IBM 1130		1967
ARTIFICIAL INTELLIGENCE LAB	DEC PDP10	*	1968
	DEC PDP6	*	1965
CHEMICAL ENG DEPT	IBM 1130		1969
MECHANICAL ENGINEERING	IBM 1130		1969
CIVIL ENG SYSTEMS LAB	IBM 1130		1968
INF PROC SERV CENTER	IBM 360/65		1966
	IBM 360/40		1967
	IBM 360/67		1968
	IBM 7094		1963
ELECTRICAL ENGINEERING	HON 645		1969
	DEC PDP1		1962
	MIT TX-0		1964
BOSTON STATE COLLEGE MATHEMATICS DEPARTMENT	IBM 1130		1969
NICHOLS COLLEGE BUS ADM COMPUTER CENTER	IBM 1130		1968
NORTHAMPTON JR COLLEGE NORTHAMPTON JUNIOR COLLEGE	IBM 360/20		1970
SMITH COLLEGE COMPUTER CENTER	IBM 1130		1967
TUFTS UNIVERSITY			
DATA PROCESSING DEPARTMENT	HON 200		1967
COMPUTATION CENTER	IBM 1130	T	1967
MASS AMHERST CAMPUS U OF UNIVERSITY COMPUTING CENTER	CDC 3600		1965
	CDC 3600		1968
	DEC 680		1967
	TEM TEMPO1		1970
U. OF MASSACHUSETTS / BOSTON	IBM 1130		1971

	MFGR MODEL	DC	YR INSTAL
MASSACHUSETTS (CONTINUED)			
WELLESLEY COLLEGE			
DATA PROCESSING	UNI 9300		1970
COMPUTATION LABORATORY	IBM 1130		1969
WENTWORTH INSTITUTE			
COMPUTER CENTER	IBM 1130		1968
WESTERN NEW ENGLAND COLLEGE			
COMPUTER CENTER	IBM 1130		1969
WILLIAMS COLLEGE			
COMPUTER LAB	IBM 1130		1968
ROPER PUBLIC OPINION RES CNTR	RCA 301		1964
WORCESTER JUNIOR COLLEGE			
COMPUTER CENTER	IBM 1620		1963
WORCESTER POLY INSTITUTE			
ADMIN DATA PROCESSING CENTER	UNI 9300		1970
WORC AREA COL COMPUTATION CTR	RCA 70/46		1969
HYBRID COMPUTER FACILITY	DEC PDP7		1968
	EAI 600		1966
HAMPSHIRE COLLEGE			
COMPUTER SERVICES	RCA 70/35		1971
	CDC 3800		1971
MICHIGAN			
ADRIAN COLLEGE			
CHEMISTRY-PHYSICS	DEC PDP81		1970
ANDREWS UNIVERSITY			
ANDREWS UNIV COMPUTING CENTER	IBM 1401		1967
CALVIN COLLEGE			
DATA PROCESSING DEPT	NCR 200		1970
CENTRAL MICH UNIVERSITY			
CENTRAL DATA PROCESSING	IBM 360/25		1970
NORTH CAMPUS DATA PROCESSING	IBM 360/30		1969
COMPUTER SCIENCE CENTER	IBM 1130		1968
DELTA COLLEGE			
DATA PROCESSING	IBM 360/40		1968
	IBM 1620		1965
DETROIT INST TECHNOLOGY			
COMPUTING CENTER	IBM 1620		1963
EASTERN MICH UNIVERSITY			
COMPUTER CENTER ADMINISTRATIVE	IBM 360/40		1968
COMPUTER CENTER	IBM 1130		1968
GENESEE COMMUNITY COLLEGE			
COMPUTER CENTER	IBM 1620		1963
	IBM 1130		1970
GRAND VALLEY ST COLLEGE			
COMPUTER CENTER	IBM 1130		1970
HILLSDALE COLLEGE			
	IBM 5753		1971
HOPE COLLEGE			
DATA PROCESSING DEPT	IBM 1130		1968
KALAMAZOO COLLEGE			
COMPUTER CENTER	IBM 1620		1964
LAKE MICHIGAN COLLEGE			
COMPUTER SERVICES	DEC PDP81		1970
LANSING COMMUNITY COLLEGE			
DATA PROCESSING	RCA 70/35		1969
LAWRENCE INST TECHNOLOGY			
REGISTRAR & DIRECTOR OF EDP	IBM 1130		1968
MICHIGAN STATE UNIVERSITY			
COMPUTER LABORATORY	CDC 3600		1963
	CDC 6500		1968
CYCLOTRON LABORATORY	XDS SIGMA7		1967
MICH TECHNL U			
ADMINISTRATION	IBM 1401		1967
COMPUTER CENTER	IBM 360/44		1968
LAKE SUPERIOR STATE COLLEGE			
DATA PROCESSING DEPARTMENT	IBM 1130		1969
ENGINEERING STUDIES	IBM 1401		1970
MUSKEGON BUSINESS COLLEGE			
DATA PROCESSING	IBM 1130		1969
MUSKEGON CNTY COLLEGE			
DATA PROC REGISTRAR	IBM 1130		1967
NORTHWESTERN MICH COLLEGE			
TBA SCHOOLS COMPUTER CENTER	NCR 100		1969
OAKLAND UNIVERSITY			
COMPUTING & DATA PROC CTR	IBM 360/40		1968
	IBM 1620		1962
SCHOOL OF ENGINEERING	IBM 1130		1969
	EAI 600		1969
SCHOOLCRAFT COLLEGE			
DATA PROCESSING DEPT	NCR 200		1968
U OF MICH DEARBORN			
COMPUTING CENTER	IBM 360/30	T	1970
WASHTENAW CNTY COLLEGE			
DATA PROCESSING	UNI 30		1969
WAYNE STATE UNIVERSITY			
COMPUTING & DATA PROC CNTR	IBM 1130/45		1968
	IBM 360/50		1967
WESTERN MICHIGAN UNIVERSITY			
DATA PROCESSING	IBM 360/30		1969
COMPUTER CENTER	IBM 1620		1962
	DEC PDP10		1970
WICOMB CO CC-SOUTH CAMPUS			
DATA PROCESSING	IBM 1401		1968
MICHIGAN MAIN CAMPUS U			
COMPUTING CENTER	IBM 360/67	*	1968
	IBM 360/67	*	1968
	IBM 360/20	T	1970
	IBM 360/20	T	1970
	IBM 360/20	T	1969
	DEC PDP8	*	1967
	DEC PDP8E	*	1970
	DEC PDP11	*	1970
COMPUTER & COMMUNICATION SCI	IBM 1800	*	1969
	DEC PDP7	*	1967
UNIV OF MICH	DEC PDP6		1969

		MFGR	MODEL	OC	YR INSTAL
MICHIGAN	(CONTINUED)				
	ELECTRICAL ENGINEERING	DEC	LINC8		19--
		DEC	PDP8		19--
		DEC	PDP8L		19--
		DEC	PDP8L		19--
		DEC	PDP8I		19--
	ELECTRICAL ENGINEERING A02	HEP	2115A		1969
	HUMAN PERFORMANCE CENTER	IBM	1800		1969
		DEC	PDP1		1963
	RADIO ASTRONOMY OBSERVATORY	XDS	930		1966
	PHYSICS	DEC	PDP10		1969
	HUMAN GENETICS	IBM	1130	T	1968
	MSRI COMPUTER SERVICES	IBM	1800	"	1968
		ADS	ADA	"	1968
	HIGH ALTITUDE RESEARCH LAB	DEC	PDP8		1967
		DEC	PDP8		1965
	MENTAL HEALTH RESEARCH INST	DEC	PDP8		1968
		DEC	PDP8	"	1966
		DEC	PDP8	"	1969
	KRESGE HEARING RESEARCH INST	DEC	PDP8		1966
		DEC	PDP8L		1969
	INTERNAL MEDICINE NUCLEAR MED	DEC	PDP8L		1969
	GEOPHYSICS LAB	DEC	PDP8I		1969
	METEOROLOGY & OCEANOGRAPHY	DEC	PDP8S		1967
	DENTAL SCHOOL COMPUTING UNIT	IBM	1130		1969
	MISC	IBM	1130		19--
		HEP	2115A		19--
		IBM	1401		19--
		CDC	160A		19--
		DEC	PDP8L		19--
MINNESOTA					
HEMIDJI STATE COLLEGE					
	DATA PROCESSING CENTER	IBM	1401		1967
		DEC	PDP8I		1970
CARLETON COLLEGE					
	DATA PROCESSING	IBM	1401		1966
	COMPUTER CENTER	IBM	1620		1962
		DEC	PDP8I		1969
		DEC	PDP8L		1969
		DEC	PDP8L		1969
		DEC	PDP8L		1969
		DEC	PDP8L		1969
SAINT TERESA COLLEGE OF					
	DATA PROCESSING CENTER	IBM	1130		1969
COLLEGE OF ST THOMAS					
	COMPUTING CENTER	CDC	160A		1964
CONCORDIA C AT MOORHEAD					
	COMPUTER CENTER	IBM	1620		1964
MANKATO UNIVERSITY					
	DATA PROCESSING	UNI	300		1969
MACALESTER COLLEGE					
	COMPUTER CENTER	IBM	1130		1967
		NCR	200		1970
MANKATO STATE COLLEGE					
	COMPUTER SERVICES	UNI	1106		1970
		IBM	1401		1967
		IBM	1620		1962
MOORHEAD STATE COLLEGE					
	COMPUTER CENTER	IBM	1620		1967
SAINT CLOUD STATE COLLEGE					
	COMPUTER SERVICES	IBM	1401		1968
		IBM	1620		1965
		DEC	PDP8I		1970
SAINT JOHN'S UNIVERSITY					
	COMPUTER SCIENCE	IBM	1620		1963
		IBM	1620		1971
SAINT MARY'S COLLEGE					
	COMPUTER CENTER	IBM	1130		1968
MINNESOTA DULUTH, U OF					
	UMD COMPUTER CENTER	CDC	1200		1969
WINONA STATE COLLEGE					
	WSC COMPUTER CENTER	IBM	1130		1967
MINN MNPLS SNT PAUL, U OF					
	DATA PROCESSING CENTER	IBM	360/30		1969
	UNIVERSITY COMPUTER CENTER	CDC	6600		1967
		CDC	6600	T	1967
	WEST BANK COMPUTER CENTER	CDC	3200		1968
	DIV. OF HEALTH COMPUTER	CDC	3300		1968
		DEC	PDP12		1970
	ST PAUL CAMPUS COMP CENTER	IBM	360/30		1967
	GEN EXTENSION DIV. SER BUR.	IBM	1130		1967
	HOSPITAL OPERATIONS ANALYSIS	BUR	B250O		1970
	HYBRID COMPUTER LABORATORY	CDC	160		1970
		CDC	1700		1968
		EAI	600		1968
		EAI	600		1968
MISSISSIPPI					
ALCORN AGRL+MECH COLLEGE					
	COMPUTING CENTER	IBM	1130		1968
DELTA STATE COLLEGE					
	DATA PROCESSING DEPT.	IBM	360/20		1967
HOLMES JUNIOR COLLEGE					
	DATA PROCESSING DEPT.	IBM	360/20		1967
MISSISSIPPI COLLEGE					
	COMPUTER CENTER	IBM	1620		1964
		IBM	1130		1970
MISS GULF CST JC JEFF DAVIS					
	COMPUTER CENTER	IBM	1130		1966
MISS ST COLLEGE FOR WOMEN					
	DATA PROCESSING CENTER	IBM	360/20		1967
MISSISSIPPI ST UNIVERSITY					
	DATA PROCESSING	UNI	9300	T	1970
	COMPUTER SCIENCE DIVISION	IBM	360/40		1966
MISS VALLEY STATE COLLEGE					
	DATA PROCESSING DEPT	IBM	360/20		1968

	MFGR MODEL	OC	YR INSTAL
MISSISSIPPI (CONTINUED)			
NORTHWEST MISS JR COLLEGE			
COMPUTER CENTER	IBM 360/20		1967
SOUTHWEST MISS. JR. COLLEGE			
VOCATIONAL TECHNICAL	IBM 360/20		1969
TOUGALOO COLLEGE			
DATA PROCESSING	IBM 1130		1969
MISSISSIPPI MAIN CAM U OF			
COMPUTER CENTER	IBM 360/40		1968
U. OF SOUTHERN MISSISSIPPI			
DEPT. OF COMPUTER SCIENCE	IBM 360/40		1968
	DEC PDP8L		1967
MISSISSIPPI MEDL CTR, U OF			
COMPUTER CENTER	IBM 1401		1966
MISSOURI			
CENTRAL MO STATE COLLEGE			
DATA PROCESSING CENTER	IBM 360/40		1968
	IBM 1620		19**
CENTRAL TECHICAL INST			
TECHNICAL DEPARTMENT	CDC 615		19**
DRURY COLLEGE			
DRURY COLLEGE CENTER	NCR 100		1968
EVANGEL COLLEGE			
DATA PROCESSING DEPARTMENT	NCR 100		1969
MERAMEC COMMUNITY COLLEGE			
DATA PROCESSING LABORATORY	IBM 1130		1971
LINCOLN UNIVERSITY			
COMPUTER CENTER	IBM 1620		1963
LINDENWOOD COLLEGE			
COMPUTER CENTER	IBM 1130		1970
METROPOLITAN JUNIOR COLLEGE DI			
MJC DATA PROC DEPT	IBM 360/30		1970
MISSOURI SOUTHERN COLLEGE			
COMPUTER CENTER	IBM 1130		1967
MOBERLY JUNIOR COLLEGE			
DEPT OF DATA PROCESSING	IBM 1130		1967
NORTHEAST MO ST COLLEGE			
DATA PROCESSING CENTER	IBM 1401		1967
NORTHWEST MO STATE COLLEGE			
DATA PROCESSING	IBM 360/30		1970
	HEP 2115A		1968
ROCKHURST COLLEGE			
COMPUTER CENTER	IBM 1620		1965
SCHOOL OF THE OZARKS			
COMPUTER CENTER	IBM 1130		1970
SOUTHEAST MO ST COLLEGE			
DATA PROCESSING DEPARTMENT	IBM 360/40		1967
SOUTHWEST MO ST COLLEGE			
COMPUTER CENTER	IBM 1401		1966
SAINT LOUIS U MAIN CAMPUS			
DATA PROCESSING DEPT	IBM 1401		1967
YALEM COMPUTER CENTER	CDC 3300		1968
PARKS COMPUTER CENTER	IBM 1130		1969
MED CENT & COMPUTER LAB	DEC LINC8		1965
TARKIO COLLEGE			
E D P DEPT	IBM 1130		1967
MISSOURI AT COLUMBIA U			
DATA PROCESSING CENTER	IBM 360/40		1968
	IBM 360/20		1967
	IBM 360/20		1968
INFORMATION SCIENCE	DEC PDP12		1970
COMPUTATIONAL SERVICES	IBM 360/65		1969
	IBM 360/20		1970
ENG COMP & DEV CENTER	IBM 360/50		1969
	SEL 840A		1968
DEPARTMENT OF PSYCHOLOGY	HON ODP116		1966
MEDICAL COMPUTER CENTER	IBM 360/50		1967
SPACE SCIENCES RESEARCH CENTER	DEC LINC8		1967
NUCLEAR ENGINEERING	DEC PDP8S		1969
DEPARTMENT OF GEOLOGY	IBM 1710		1965
PHYSICS DEPARTMENT	DEC PDP11		1970
MISSOURI-ROLLA U OF			
COMPUTER CENTER	IBM 360/50		1967
MISSOURI KANSAS CITY U OF			
DATA PROCESSING DEPARTMENT	IBM 360/50		1970
WASHINGTON UNIVERSITY			
COMPUTING FACILITIES	IBM 7072		1962
	IBM 1401		1964
	IBM 1710		1963
	DEC PDP5		1965
	IBM 360/50		1966
	DEC PDP12		1970
	LIN 300		1969
WESTMINSTER COLLEGE			
COMPUTER CENTER	NCR 100		1969
SNT LU U PK C AERON TECHN			
COMPUTATION CENTER	IBM 1130		1969
MONTANA			
EASTERN MONTANA COLLEGE			
DATA PROCESSING CENTER	IBM 360/20		1967
MONTANA STATE UNIVERSITY			
COMPUTING CENTER	XDS SIGMA7		1968
	IBM 360/25		1970
	DEC PDP8		1969
	HEP 2115A		1969
	HEP 2116A		1969
	HEP 2116B		1970
MONTANA UNIVERSITY OF			
ADMINISTRATIVE DATA PROC	IBM 1401		1967
COMPUTER CENTER	IBM 1620		1963
NEBRASKA			
CONCORDIA TEACHERS COLLEGE			
DATA PROCESSING CENTER	IBM 1130		1968
CREIGHTON UNIVERSITY			
COMPUTER CENTER	IBM 1130		1966
HASTINGS COLLEGE			
MATHEMATICS	HEP 9100A		1969
	HEP 9100B		1970

	MFGR MODEL	DC	YR INSTAL
NEBRASKA (CONTINUED)			
MIDLAND LUTHERAN COLLEGE			
COMPUTE SCIENCE DEPARTMENT	IBM 1130		1970
NEBRASKA AT OMAHA U OF			
COMPUTING CENTER	NCR 315		1967
	IBM 360/20		1968
	IBM 1620		1964
NEBR WESLEYAN UNIVERSITY			
COMPUTER FACILITY	IBM 1620		1963
UNION COLLEGE			
UNION COLLEGE COMPUTER CENTER	UNI 9200		1969
UNIVERSITY OF NEBRASKA LINCOLN			
DATA PROCESSING DEPT.	IBM 360/30		1966
INST OF COMPUTATIONAL SCIENCE	IBM 360/65		1967
STATISTICAL LABORATORY	IBM 1130		1967
UNIV OF NEBR MEDICAL CENTER			
ADMINISTRATIVE COMPUTER CENTER	IBM 360/20		1968
MEDICAL RESEARCH COMP CENTER	IBM 360/30		1969
	IBM 1800		1967
NEVADA			
UNIVERSITY OF NEVADA SYSTEM			
U OF N SYSTEM COMPUTING CENTER	XDS SIGMA7		1968
NEW HAMPSHIRE			
DARTMOUTH COLLEGE			
DATA PROCESSING CENTER	HON 200		1970
KIEMTT COMPUTER CENTER	GEC 635		1966
NEW ENGLAND COLLEGE			
COMPUTER CENTER	IBM 1130		1970
NH COLLEGE			
NEW HAM COLL COMPUTER CENTER	NCR 100		1969
NH TECHNICAL INST CONCORD			
ELECTRONIC DATA PROCESSING	GEC 115		1969
SAINT ANSELMIS COLLEGE			
DATA PROCESSING DEPT	IBM 1130		1969
NEW HAMPSHIRE U OF			
COMPUTATION CENTER	IBM 360/50		1970
	IBM 1620		1961
NH PLYMOUTH ST COLLEGE U			
P.S.C. COMPUTER CENTER	IBM 1130		1968
NEW JERSEY			
BLOOMFIELD COLLEGE			
COMPUTER CENTER	IBM SYS3		1970
CUMBERLAND COUNTY COLLEGE			
COMPUTER CENTER	IBM 1130		1970
DREW UNIVERSITY			
UNIVERSITY COMPUTER CENTER	IBM 1130		1967
FARLGH DCKSN TEANECK CAM			
COMPUTER CENTER	IBM 360/30		1968
GLASSBORO STATE COLLEGE			
OFFICE OF THE REGISTRAR	IBM 1130	T	1969
JERSEY CITY STATE COLLEGE			
CENTER FOR OCCUPATIONAL ED.	IBM 1620		1968
DATA PROCESSING CENTER	IBM 1130		1968
MIDDLESEX COUNTY COLLEGE			
COMPUTER SCIENCE	IBM 360/25	T	1970
MONMOUTH COLLEGE			
ADMINISTRATIVE COMPUTER CENTER	HON 120		1969
	INT 3		1969
MONTCLAIR STATE COLLEGE			
DEPT. OF ADMINISTRATIVE SVCS.	IBM 1130		1970
NEWARK COLLEGE OF ENGR			
COMPUTING CENTER	RCA 70/45		1969
OCEAN COUNTY COLLEGE			
COMPUTER CENTER	RCA 70/46		1970
PATERSON STATE COLLEGE			
DATA PROCESSING	IBM 1130		1971
PRINCETON UNIVERSITY			
ADMIN SYSTEMS & DATA PROC	IBM 360/50		1968
COMPUTER CENTER	IBM 360/91		1969
	IBM 360/30		1969
	IBM 360/20		1969
	IBM 360/20		1969
	IBM 360/20		1969
	IBM 360/20		1969
	IBM 360/20		1969
	IBM 360/20		1969
RIDER COLLEGE			
COMPUTER CENTER	IBM 1130	T	1968
SAINT PETER S COLLEGE			
DATA PROCESSING DEPARTMENT	IBM 360/25	T	1970
PROGRAM IN DATA PROCESSING	IBM 360/25	T	1970
	CDC LGP30	T	1966
STEVENS INST TECHNOLOGY			
COMPUTER CENTER	DEC PDP10		1969
	DEC PDP8		1969
TRENTON STATE COLLEGE			
COMPUTER SERVICES	IBM 1130	T	1968
UNION COLLEGE			
COMPUTER CENTER	IBM 1130		1966
UPSALA COLLEGE			
ADMINISTRATIVE SERVICES	IBM 1130	T	1969
BERGEN COMMUNITY COLLEGE			
	IBM 360/25		1970
FAIRLEIGH DCKSN UNIV MAD			
MATHEMATICS	DEC PDP8S		1967
MERCER CO CMTY COLLEGE			
COMPUTER CENTER	IBM 360/40	T	1969
CAMDEN COUNTY COLLEGE			
DATA PROCESSING DEPT.	RCA 70/45		1970
RUTGERS U NEW BRUNSWICK			
ADMIN INF	IBM 360/30		1967
CTR FOR COMP & INFO SVCC	IBM 360/67		19**
	IBM 1130	T	19**
	IBM 1130	T	19**
	IBM 1130	T	19**
BCG PHYSICS DEPT	DEC PDP8	*	1965
	DEC PDP8	*	1967
NPL PHYSICS DEPT	XDS SIGMA5		1968
	XDS SIGMA2		1968

	MFGR MODEL	DC	YR INSTAL
NEW JERSEY (CONTINUED)			
ESSEX COUNTY COLLEGE			
COMPUTER CENTER	IBM 360/25		1969
BURLINGTON COUNTY COLLEGE			
COMPUTER CENTER	IBM 360/25	T	1968
BROOKDALE CMTY COLLEGE			
SYSTEMS AND DATA SERVICES	IBM 360/30		1970
NEW MEXICO			
EASTERN NM U MAIN CAMPUS			
DATA PROCESSING CENTER	IBM 360/40		1968
NEW MEXICO HIGHLANDS U			
COMPUTER CENTER	IBM 1620		1962
	IBM 360/25		1969
NM INST OF MINING & TECHN			
BUSINESS OFFICE	NCR 390		1967
COMPUTING CENTER	IBM 360/44		1966
NEW MEXICO JUNIOR COLLEGE			
N M J C DATA PROC DEPT	IBM 1401		1967
NM STATE U MAIN CAMPUS			
UNIVERSITY COMPUTER CENTER	IBM 360/50		1969
PHYSICAL SCIENCE LABORATORY	IBM 360/50		1967
ALBUQUERQUE UNIVERSITY OF			
C. SCI	IBM 1620		1964
NEW MEXICO UNIVERSITY OF			
COMPUTING CENTER	IBM 1620		1963
	IBM 360/67		1970
WESTERN NM UNIVERSITY			
SYSTEMS ANALYSIS	IBM 1130		1967
NEW YORK			
ADELPHI UNIVERSITY			
COMPUTER CENTER	CDC 3300		1968
ALFRED U MAIN CAMPUS			
COMPUTING CENTER	XDS SIGMA5		1970
CANISIUS COLLEGE			
COMPUTER CENTER	HON 200		1968
CUNY BROOKLYN COLLEGE			
COMPUTER CENTER	IBM 360/40		1967
CUNY CITY COLLEGE			
CITY COLL COMPUTATION CENTER	IBM 360/50		1967
	IBM 360/20	T	1969
CUNY HUNTER COLLEGE			
COMPUTING CENTER	IBM 360/40		1969
	IBM 1620		1962
CUNY QUEENS COLLEGE			
DATA PROCESSING	IBM 360/30		1967
COMPUTER CENTER	XDS SIGMA7		1969
BRONX COMMUNITY COLLEGE			
BCC DATA PROCESSING CENTER	IBM 360/30		1968
KINGSBOROUGH COMM COLL CUNY			
COMPUTER CENTER	IBM 360/30		1968
NEW YORK CTY CMTY COLLEGE			
NYCCC COMPUTER CENTER	IBM 360		1967
QUEENSBOROUGH COMM COLLEGE			
COMPUTER CENTER	IBM 360/30		1968
ELECTRICAL TECHNOLOGY	IBM 1130		1967
	DEL 308C		1965
STATEN IS CMTY COLLEGE			
DATA PROCESSING DEPARTMENT	IBM 360/30	T	1969
CLARKSON COLLEGE OF TECHN			
COMPUTER CENTER	IBM 360/44		1967
COLGATE UNIVERSITY			
ADMINISTRATIVE DATA PROCESSING	IBM 1401		1967
SAINT ROSE COLLEGE OF			
DATA PROCESSING	IBM SYS3		1971
COOPER UNION			
COMPUTER CENTER	IBM 1130		1970
CORNELL U MAIN CAMPUS			
FINANCE AND BUSINESS OFFICE	IBM 360/30		1969
DEPARTMENT OF ANIMAL SCIENCE	IBM 360/40		1966
LABORATORY OF NUCLEAR STUDIES	IBM 1800		1968
	DEC PDP10		1970
OFFICE OF COMPUTER SERVICES	IBM 360/65		1967
	IBM 360/20		1967
	IBM 360/20	T	1967
	IBM 360/20	T	1968
	IBM 1401	T	1961
ELMIRA COLLEGE			
DATA PROCESSING DEPT	IBM 1130		1968
FORDHAM UNIVERSITY			
COMPUTING CENTER	IBM 360/40		1967
HARTWICK COLLEGE			
H C COLLEGE COMPUTER CENTER	IBM 1130		1969
HOBART & WM SMITH COLLEGE			
COMPUTER CENTER	IBM 1130		1966
HOFSTRA UNIVERSITY			
DATA PROCESSING	IBM 360/25		1969
COMPUTER CENTER	IBM 1130		1967
	IBM 1130		1967
HOUGHTON COLLEGE			
COMPUTER CENTER	IBM 1130		1969
IONA COLLEGE			
COMPUTING CENTER	IBM 1130		1966
ITHACA COLLEGE			
DATA PROCESSING DEPT	RCA 70/35		1970
KEUKA COLLEGE			
DATA PROCESSING DEPARTMENT	IBM 1130		1968
C W POST CENTER OF L I U			
COMPUTER CENTER	IBM 1130		1969
MANHATTAN COLLEGE			
COMPUTER CENTER	CDC 8090		1965
MARIST COLLEGE			
COMPUTER CENTER	IBM 1401		1967
NEW YORK MEDICAL COLLEGE			
DIV OF BIOMED INFO PROCESSING	IBM 360/40		1968
NEW YORK UNIVERSITY			
ADMINISTRATIVE DATA PROCESSING	IBM 360/40		1966
	IBM 1401		1962

		MFGR MODEL	OC	TR	INSTAL
NEW YORK (CONTINUED)					
	IND ENGRG & OPERATIONS RES	DEC PDP7			1965
		DEC PDP9			1970
	PSYCHOLOGY DEPT	DEC PDP15			1970
		DEC PDP12			1970
		DEC PDP8I			1968
		DEC PDP8I			1970
	UNMC COMPUTER CENTER	UNI 1108			1969
	ACADEMIC COMPUTING CENTER	IBM 1130		T	1967
	ACADEMIC COMPUTER CENTER	IBM 360/50			1969
PACE COLLEGE MAIN CAMPUSE					
	COMPUTER CENTER	IBM 360/30			1971
POLYTECHNIC INST OF BROOKLYN					
	COMPUTER CENTER	IBM 360/50			1967
RENSSELAER POLY MAIN CAM					
	OFFICE OF COMPUTER	IBM 360/50			1966
		IBM 360/20			1970
	SYSTEMS DIVISION	SEC GPAC30			1969
	LAB FOR CRYSTALLOGRAPHIC RES	DEC PDP8			1966
		RAY PB440			1968
		RAY TRICE			1968
		RAY 703			1968
RENSSELAER POLY INST CONN					
	HARTFORD GRADUATE CENTER	IBM 1130			1967
ROCHESTER INST TECHNOLOGY					
	COMPUTER SERVICES	IBM 360/40			1970
		IBM 1800			1969
ROCKEFELLER UNIVERSITY					
	COMPUTER LABORATORY	DEC PDP15			1970
		DEC LINC8			1967
SIENA COLLEGE					
	DATA PROCESSING DEPT	UNI 9200			1967
	IBM 1620 INST	IBM 1620			1962
SAINT FRANCIS COLLEGE					
	COMPUTER CENTER	IBM 1130			1967
SNT JOSEPHS SEM & COLLEGE					
	DATA SYSTEMS CENTER	UNI 9400			1971
		IBM 1401			1968
SAINT LAWRENCE UNIVERSITY					
	DATA PROCESSING CENTER	IBM 1401			1967
SUNY STATE U AT ALBANY					
	COMPUTING CENTER	UNI 1108			1969
		UNI 9300		T	1970
SUNY STATE U AT BINGHAMTN					
	COMPUTING & DATA PROCESSING	IBM 360/67			1970
SUNY ST U BFLO MAIN CAM					
	COMPUTER CENTER	CDC 6400			1968
		IBM 360/40			1966
		IBM 360/20		T	1966
		UNI 9200		T	1968
SUNY AT U STONY BK MAIN					
	COMPUTING CENTER	IBM 360/67			1968
SUNY DOWNSTATE MEDL CTR					
	COMPUTING CENTER	IBM 360/40			1968
		IBM 360/44			1968
SUNY COLLEGE AT BROCKPORT					
	DATA PROCESSING	IBM 1401			1967
		IBM 1130			1967
SUNY COLLEGE AT BUFFALO					
	COMPUTER SERVICES	IBM 360/20		T	1970
		IBM 1130		T	1966
SUNY COLLEGE AT CORTLANDD					
		UNI 9300			1968
SUNY COLLEGE AT FREDONIA					
	COMPUTER CENTER	IBM 360/20		T	1967
SUNY COLLEGE AT GENESEO					
	COMPUTER CENTER	IBM 1130			1967
		IBM 1401			1967
SUNY COLLEGE AT OSWEGO					
	COMPUTER CENTER	IBM 1130			1966
SUNY COLLEGE PLATTSBURGH					
	COMPUTER SYSTEMS CENTER	IBM 1440			1967
NY STATE COL. OF FORESTRY					
	COMPUTER CENTER	IBM 1620			1964
SUNY MARITIME COLLEGE					
	SCIENCE DEPT	IBM 1130			1967
SUNY AGRL & TECH C ALFRED					
	COMPUTER CENTER	IBM 1620			1963
		IBM 360/20			1966
		MEP 2007A		T	1970
		IBM 1401		T	1970
SUNY AGRL & TECH C CANTON					
	DATA PROCESSING DEPT	IBM 360/20			1968
SUNY AGHL & TECH C COHLESKL					
	DATA PROCESSING CENTER	IBM 360/25			1969
SUNY AGRL TECH C DELHI					
	DATA PROCESSING CENTER	IBM 360/20		T	1968
SUNY AGRL TECH C FARMNGDL					
	DATA PROCESSING DEPT	IBM 360/30			1968
SUNY AGRL TECH C MORRISVILLE					
	COMPUTER CENTER	IBM 360/25			1969
AUBURN COMMUNITY COLLEGE					
	DATA CENTER	NCR 200			1971
BROOME TECH CMTY COLLEGE					
	DATA PROCESSING	IBM 360/20			1968
	COMPUTER CENTER	IBM 1130			1967
CORNING COMMUNITY COLLEGE					
	COMPUTER CENTER	NCR 100			1969
DUTCHESS CMTY COLLEGE					
	COMPUTER CENTER	IBM 1130			1969
		IBM 1401			1967
		IBM 360/30			1970
ERIE COMMUNITY COLLEGE					
	DATA PROCESSING DEPT	IBM 1401			1967

	MFGR MODEL	OC	YR INSTAL
NEW YORK (CONTINUED)			
FULTON-MONTGOMERY CC			
BUSINESS DEPT	UNI 9200		1968
HUDSON VLY CMTY COLLEGE			
DATA PROCESSING DEPT	BUR 825C0		1970
MOHAWK VLY CMTY COLLEGE			
COMPUTER CENTER	IBM 1401		1965
MONROE COMMUNITY COLLEGE			
COMPUTER CENTER	IBM 360/40		1970
	IBM 360/40		1968
NASSAU COMMUNITY COLLEGE			
COMPUTER CENTER	IBM 360/25		1969
NIAGARA CO CMTY COLLEGE			
	NCR 100		1968
	UNI 1409	T	1968
ONONDAGA CMTY COLLEGE			
COMPUTING CENTER	IBM 1130		1967
ORANGE CO CMTY COLLEGE			
COMPUTER CENTER	IBM 1401		1967
	FRI 5610		1967
SUFFOLK COMMUNITY COLLEGE			
COMPUTER CENTER	IBM 1401		1967
ULSTER CO COMM COLL			
	IBM 1130		1970
WESTCHESTER CMTY COLLEGE			
INSTITUTIONAL DEVELOPMENT	RCA 70/35		1970
SYRACUSE UNIVERSITY			
DATA CENTER	IBM 1440		1966
	IBM 1401		1964
	IBM SYS3		1970
COMPUTING CENTER	IBM 360/50		1967
	IBM 360/20		1967
	DEC PDP10		1970
UTICA COLLEGE			
UNIVAC DEPARTMENT	UNI 1005		1967
	IBM 1130		1970
ALBANY MEDICAL COLLEGE			
AMC COMPUTER CENTER	IBM 1620		1963
UNION COLLEGE			
COMPUTER CENTER	GEC 415		1967
ROCHESTER UNIVERSITY OF			
COMPUTING CENTER	IBM 360/65		1968
	IBM 360/20	T	1969
	IBM 1130	T	1966
	UNI 9200	T	1969
VASSAR COLLEGE			
COMPUTER CENTER	IBM 360/30		1967
VOORHEES TECHNICAL INSTITUTE			
DEPT OF COMPUTER TECH	IBM 1130		1966
WAGNER COLLEGE			
COMPUTER CENTER	HON 110		1968
YESHIVA UNIVERSITY			
GENERAL ACCOUNTING	IBM 360/40		1969
COLUMBIA U TCHRS COLLEGE			
COMPUTER CENTER	IBM 1130		1969
CUNY GRADUATE CENTER			
DATA PROCESSING DEPT	IBM 1130	T	1968
	DEC PDP8	T	1969
	IMLAC	T	1970
CUNY RICHMOND COLLEGE			
DATA PROCESSING CENTER	IBM 360/20		1968
	IBM 1380		1968
SUNY C OF AGR AT CRNL U			
COMPUTER ACTIVITIES GROUP	IBM 360/20	T	1967
SUNY C OF VET MED CRNL U			
DEPT OF PHYSICAL BIOLOGY	DEC PDP15		1970
NY INST TECHN MAIN CAMPUS			
ADVANCED SYSTEMS LABORATORY	IBM 360/65		1970
CUNY LEHMAN COLLEGE			
DATA PROCESSING	IBM 1130	T	1969
NORTH CAROLINA			
NC AGRL & TECH STATE U			
COMPUTER SCIENCE CENTER	CDC 3770		1970
APPALACHIAN ST UNIVERSITY			
COMPUTER CENTER	IBM 1130		1968
CAMPBELL COLLEGE			
COMPUTER SERVICES	IBM 1401		1969
CATAWBA COLLEGE			
BUSINESS OFFICE	IBM SYS3		1970
DAVIDSON COLLEGE			
DATA PROCESSING SERVICES	NCR 100		1970
DUKE UNIVERSITY			
ADMIN DATA PROCESSING	IBM 1401		1965
COMPUTATION CENTER	IBM 360/40	T	1970
E CAROLINA U MAIN CAMPUS			
IBM DATA PROCESSING	IBM 360/20		1968
COMPUTING CENTER	IBM 360/30		1969
ELIZABETH CITY STATE U			
DATA PROCESSING CENTER	IBM 360/20		1970
GARDNER-WEBB COLLEGE			
DATA PROCESSING	IBM 1130		1970
NC CENTRAL UNIVERSITY			
DATA PROCESSING CENTER	IBM 1401		1968
	IBM 1620		1962
NC ST U RALEIGH MAIN CAM			
COMPUTING CENTER	IBM 360/40	T	1967
	IBM 1130	T	1964
NC AT CHAPEL HILL U OF			
THE COMPUTATION CENTER	IBM 360/40	T	1967
	IBM 360/50	T	1970
ADMINISTRATIVE DATA PROCESSING	RCA 70/46		1970
NC AT CHARLOTTE U OF			
COMPUTER CENTER	IBM 360/30		1967
NC AT GREENSBORO U OF			
COMPUTER CENTER	IBM 1401		1967

	MFGR MODEL	OC	YR INSTAL
NORTH CAROLINA (CONTINUED)			
KINGATE COLLEGE			
DEPT. OF COMPUTER SCIENCE	UNI 120		1963
	UNI 422		1965
	UNI 9200		1969
KINSTON-SALEM STATE U			
DATA PROCESSING CENTER	IBM 360/30		1970
CALDWELL COMM. COLL.			
BUS. ADMIN.	IBM 1130		1968
TECH INST OF ALAMANCE			
DATA PROCESSING DEPARTMENT	IBM 1130		1961
NORTH DAKOTA			
BISMARCK JUNIOR COLLEGE			
DATA PROCESSING DEPT.	IBM 1401		1967
MAYVILLE STATE COLLEGE			
MATH DEPT	CDC 615		1965
ND STATE SCHOOL SCIENCE			
BUSINESS DIVISION	IBM 360/25		1970
ND MAIN CAMPUS U OF			
COMPUTER CENTER	IBM 360/30		1966
	IBM 1800		1969
ND STATE U MAIN CAMPUS			
UNIVERSITY COMPUTER CENTER	IBM 360/50		1969
	IBM 1620		1962
OHIO			
BALDWIN-WALLACE COLLEGE			
COMPUTER SERVICES	UNI 1004	T	1968
BLUFFTON COLLEGE			
COMPUTER CENTER	NCR 100		1970
BOWLING GRN ST U MAIN CAM			
COMPUTATIONAL SERVICES	IBM 360/50		1969
CASE WESTERN RESERVE U			
JENNINGS	UNI 1004	T	1968
	UNI 1004	T	1968
	UNI 1004	T	1968
	UNI 1004	T	1970
UNIVERSITY INFORMATION SYSTEMS	GEC 415		1965
SYSTEMS ENGINEERING DIV	GEC 4060	*	1967
	HON H21	*	1969
CLEVELAND ST UNIVERSITY			
COMPUTER CENTER	IBM 360/50		1970
ELECTRICAL ENGINEERING	DEC PDP12		1970
PSYCHOLOGY	DEC PDP9		1968
DEFIANCE COLLEGE			
COMPUTER CENTER	IBM 1130		1968
DENISON UNIVERSITY			
COMPUTER CENTER	IBM 1130		1967
HEIDELBERG COLLEGE			
PHYSICS DEPARTMENT	IBM 1130	T	1969
JOHN CARROLL UNIVERSITY			
COMPUTER CENTER	GEC 225		1967
KENT STATE U MAIN CAMPUS			
DATA PROCESSING CENTER	HON 200		1966
COMPUTER CENTER	BUR B5500		1969
	IBM 1130		1968
KENYON COLLEGE			
ACADEMIC COMPUTER CENTER & ACC	IBM 1130		1968
MARIETTA COLLEGE			
DATA PROCESSING CENTER	IBM 1130		1967
MOUNT UNION COLLEGE			
COMPUTER CENTER	IBM 1620		1966
	HEP 21160		1970
MUSKINGUM COLLEGE			
MUSKINGUM COLL COMP CENTER	IBM 1130		1966
NOTRE DAME COLLEGE			
MATHEMATICS DEPARTMENT	HEP 9100A		1969
OBERLIN COLLEGE			
COMPUTER CENTER	IBM 360/44		1967
OHIO NORTHERN UNIVERSITY			
COMP CTR & COLL OF ENGRG	IBM 1620		1963
OHIO U MAIN CAMPUS			
ADMIN. DATA PROCESSING	IBM 360/40		1966
	IBM 360/30		1968
COMPUTER CENTER	IBM 360/44		1967
	IBM 360/30		1967
ELECTRICAL ENGINEERING	SCC 650		1967
COLLEGE OF ENGINEERING & TECH.	IBM 1130		1967
PHYSICS DEPARTMENT	IBM 1800		1967
SINCLAIR CMTY COLLEGE			
COMPUTER LABORATORY	IBM 1130		1967
CINCINNATI MAIN CAM U OF			
UNIV COMPUTER SERVICES	IBM 360/65		1969
	IBM 1401		1963
DAYTON UNIVERSITY OF			
OFFICE FOR COMPUTING ACT.	RCA 70/46		1968
COMPUTER SCIENCE DEPT	IBM 360/25		1969
TOLEDO UNIVERSITY OF			
COMPUTING CENTER	IBM 360/44		1970
	IBM 1620		1962
WITTENBERG UNIVERSITY			
ACADEMIC COMPUTER CENTER	IBM 1130		1969
XAVIER UNIVERSITY			
COMPUTER CENTER	IBM 360/30		1969
YOUNGSTOWN STATE UNIVERSITY			
COMPUTER CENTER	IBM 360/50	*	1970
	IBM 360/40	*	1968
CUYAHOGA CC WESTERN CAMPUS			
BUSINESS ADM-DATA PROCESSING	IBM 360/25		1970
LAKELAND COMMUNITY COLLEGE			
DATA PROCESSING	IBM 360/20		1967
	NCR 100		1969
	IBM 1620		1967
OHIO STATE U			
ADMIN SYS COMPUTER CENTER	IBM 360/50		1966
	UNI 1004		1968
INST & RSCH COMP CTR	IBM 360/75		1968
	IBM 360/50		1968

		MFGR MODEL	OC	YR INSTAL
OHIO	(CONTINUED)			
		IBM 1130		1968
		IBM 7094		1963
		IBM 1620		1961
	PUBLIC SERVICES COMPUTER CTR	IBM 360/50		1970
		IBM 360/40		1968
	LEARNING RESOURCES COMP CTR	IBM 360/50		1970
CUYAHOGA COMMUNITY COLLEGE DIS				
	COMPUTER CENTER	HON 1200		1968
MIAMI UNIVERSITY				
	COMPUTER CENTER	IBM 1620		1962
		IBM 1401		1961
		IBM 360/50		1970
MEDL COLLEGE OHIO-TOLEDO				
	MATHEMATICAL MEDICINE	DEC PDP8		1969
		IBM 1800		1970
MUSKINGUM AREA TECH INST				
	BUSINESS DEPARTMENT	IBM 1401		1968
WRIGHT STATE UNIVERSITY				
	COMPUTER SERVICES	NCR 100		1969
		IBM 1130		1967
OKLAHOMA				
CAMERON ST AGRL COLLEGE				
	DATA PROCESSING CENTER	RCA 301		1966
CENTRAL STATE UNIV.				
	DATA PROCESSING DEPT	IBM 360/40		1969
EAST CENTRAL ST COLLEGE				
	COMPUTER CENTER	IBM 1130		1966
EASTERN OKLA ST COLLEGE				
	DATA PROCESSING DEPARTMENT	RCA 301	T	1966
LANGSTON UNIVERSITY				
	DATA PROCESSING	IBM 1130		1969
NTHESTN OKLA AGRL-MECH C				
	COMPUTER SCIENCE DEPT	IBM 1620		1962
		RCA 70/35		1967
		RCA 301		1968
NORTHERN OKLAHOMA COLLEGE				
	BUSINESS	IBM 1130		1969
NORTHWESTERN ST COLLEGE				
	COMPUTER SCIENCE DEPARTMENT	IBM 1130		19--
OKLA CHRISTIAN COLLEGE				
	DATA PROCESSING	IBM 1130		1969
OKLA COLLEGE LTHENAL ARTS				
	DATA PROCESSING DEPT	IBM 1130		1967
OKLA STATE U MAIN CAMPUS				
	UNIVERSITY COMPUTER CENTER	IBM 360/65		1970
		IBM 1130		1970
		IBM 1620		1966
	ENGINEERING COMPUTING LAB	IBM 1620		1962
OKLA STATE U OKLA CITY				
	COMPUTER PROGRAMMING DEPT.	IBM 360/25		1969
PHILLIPS UNIVERSITY				
	DATA PROCESSING	IBM 1130		1970
SOUTHEASTERN STATE COLLEGE				
	COMPUTER SCIENCE DEPT	IBM 1130		1967
SOUTHWESTERN STATE COLLEGE				
	DEPARTMENT OF MATHEMATICS	IBM 1130		1966
OKLAHOMA MAIN CAMPUS U OF				
	HERRICK COMPUTER CENTER	IBM 360/50		1969
		IBM 1130		1967
UNIVERSITY OF TULSA				
	COMPUTING SERVICES	XDS SIGMA8		1970
OKLA OKLA CITY U OF				
	MEDICAL COMPUTING CENTER	IBM 360/40		1970
OREGON				
BLUE MTN CMTY COLLEGE				
	COMPUTER CENTER	IBM 1130		1967
CENTRAL OREG CMTY COLLEGE				
	DATA PROCESSING DEPT	IBM 1130		1966
GEORGE FOX COLLEGE				
	DIVISION OF NATURAL SCIENCE	EAI 1020		1965
LANE COMMUNITY COLLEGE				
	DATA PROCESSING DEPT	IBM 360/25		1969
LEWIS AND CLARK COLLEGE				
	COMPUTER CENTER	IBM 1130		1967
LINFIELD COLLEGE				
	LINFIELD COMPUTER CENTER	IBM 1620		1965
OREGON STATE UNIVERSITY				
	COMPUTER CENTER	CDC 3300	*	1967
		DEC PDP8	*	1966
		CST NEBULA	*	1968
		UNI ATHENA	*	1969
OREGON TECHNICAL INST				
	ELECTRO-MECH ENGR TECH	IBM 1401		1967
		IBM 1130		1967
		IBM 1620		1970
PORTLAND STATE UNIVERSITY				
	COMPUTER CENTER	IBM 1130		1968
		HON 200		1968
REED COLLEGE				
	COMPUTER CENTER	IBM 1130		1966
CHEMEKETA CMTY COLLEGE				
	BUS. ED & DATA PROCESSING DEPT	IBM 360/25		1969
SOUTHERN OREGON COLLEGE				
	COMPUTER CENTER	IBM 1130		1967
SIMMSTA OREG CMTY COLLEGE				
	DATA PROCESSING CENTER	IBM 1130		1967
OREGON MAIN CAMPUS U OF				
	COMPUTING CENTER	IBM 360/50		1966
		DEC PDP10		1970
	NUCLEAR PHYSICS RESEARCH	DEC PDP7		1966
	CHEMISTRY DEPT LAB	VAR 620-1		1968
		VAR 620-1		1969
		VAR 620-1		1969
		VAR 620-1		1969
		VAR 620-1		1970

		MFGR MODEL	OC	YR INSTAL
OREGON	(CONTINUED)			
	NEURO-PHYSIOLOGY LABORATORY	DEC LINC8		1968
	PSYCHOLOGY DEPT. LAB	DEC PDP8		1968
		DEC PDP15		1970
	DATA PROCESSING OFFICE	IBM 360/20		1967
UNIVERSITY OF PORTLAND				
	COMPUTER CENTER	HON 1200		1968
WILLAMETTE UNIVERSITY				
	COMPUTER CENTER	IBM 1130		1968
OREGON MEDICAL SCH U OF				
	COMPUTER CENTER	IBM 1130		1966
PENNSYLVANIA				
ALBRIGHT COLLEGE				
	COMPUTER CENTER	IBM 1130		1969
ALLEGHENY COLLEGE				
	COMPUTING CENTER	IBM 1620		1969
ALLIANCE COLLEGE				
		IBM 1130		1967
BRYN MAWR COLLEGE				
	COMPUTING CENTER	IBM 360/44		1968
		DEC PDP8I		1968
		DEC PDP8I	T	1968
BUCKNELL UNIVERSITY				
	OFFICE OF COMPUTER ACTIVITIES	XDS SIGMA7		1969
BUCKS COUNTY CMTY COLLEGE				
	COMPUTER CENTER	IBM 360/30		1970
BUTLER CO CMTY COLLEGE				
	DATA PROCESSING CENTER	IBM 1130		1969
		DEC PDP8I		1968
CMTY COLLEGE PHILADELPHIA				
	COMPUTER CENTER	IBM 360/30	T	1968
DICKINSON COLLEGE				
	COMPUTER CENTER	IBM 1130		1967
DREXEL UNIVERSITY				
	COMPUTER CENTER	IBM 1620		1962
		IBM 360/20	T	1968
DUQUESNE UNIVERSITY				
	SYSTEMS CENTER	CDC 3200		1969
FRANKLIN & MARSHALL				
	MERC	RCA 70/46		1969
		IBM 360/20		1970
GANNON COLLEGE				
	DATA PROCESSING	IBM 1620		1963
GENEVA COLLEGE				
	COMPUTER CENTER	IBM 1130		1967
GETTYSBURG COLLEGE				
	COMPUTER CENTER	IBM 1130		1968
HAHNEMANN MEDL C AND HOSP				
	COMPUTER CENTER	IBM 1620		1964
HAVERFORD COLLEGE				
	JOINT COMPUTER CENTER	IBM 360/44		1968
		DEC PDP8I		1968
		DEC PDP8I		1968
INDIANA U OF PA MAIN CAM				
	COMPUTER CENTER	IBM 360/40		1968
THOMAS JEFF UNIVERSITY				
	MANAGEMENT SERVICES	IBM 360/40		1970
JUNIATA COLLEGE				
	DATA PROCESSING	IBM 1620		1962
KINGIS COLLEGE				
	DATA PROCESSING	HON 115		1969
		IBM 1620		1960
LAFAYETTE COLLEGE				
	COMPUTER CENTER	IBM 1130		1967
LA SALLE COLLEGE				
	COMPUTER CENTER	IBM 360/25		1970
LEHIGH UNIVERSITY				
	COMPUTING CENTER	CDC 6400		1968
LYCOMING COLLEGE				
	COMPUTER CENTER	IBM 1130		1969
MARYWOOD COLLEGE				
	DATA PROCESSING DEPT	IBM 1130		1969
MONAVIAN COLLEGE				
	BUSINESS OFFICE	IBM 1130		1967
MUHLENBERG COLLEGE				
	LUTHER J DECK COMPUTER CENTER	IBM 1130		1968
PHC COLLEGES				
	DATA PROCESSING DEPARTMENT	IBM 1620		1970
		IBM 1401		1965
		DEC PDP11		19**
BLOOMSBURG STATE COLLEGE				
	DATA PROCESSING DEPARTMENT	RCA 70/35		1970
CALIFORNIA STATE COLLEGE				
	DATA PROCESSING DEPARTMENT	RCA 70/35		1970
CHEYNEY STATE COLLEGE				
	COMPUTER CENTER	RCA 70/35		1970
EAST STROUDSBG ST COLLEGE				
	COMPUTING CENTER	RCA 70/35		1970
		IBM 1401		1965
KUTZTOWN STATE COLLEGE				
	KUTZTOWN STATE COLL COM SER	RCA 70/35		1970
LOCK HAVEN STATE COLLEGE				
	DIV. OF MATH & COMPUTER SCI.	IBM 1130		1965
MANSFIELD STATE COLLEGE				
	DATA PROCESSING CENTER	RCA 70/35		1970
MILLERSVILLE ST COLLEGE				
	COMPUTER SERVICES CENTER	RCA 70/35		1970
		IBM 1620		1963
SHIPPENSBURG ST COLLEGE				
	COMPUTER SERVICES CENTER	RCA 70/45		1968
SLIPPERY ROCK STATE COLLEGE				
	COMPUTER CENTER	IBM 360/4[illegible]		1970
WEST CHESTER ST COLLEGE				
	RESEARCH & DATA PROCESSING	IBM 360/30		1969
		HEP 200CA		1970

	MFGR MODEL	OC	YR INSTAL
PENNSYLVANIA (CONTINUED)			
PA ST U WILKES-BARRE CAM			
WILKES-BARRE CENTER	DEC PDP8I		1968
	DEC PDP8I		1968
POINT PARK COLLEGE			
COMPUTER CENTER	IBM 360/30		1969
INFORMATION SCIENCE	ADG AGT/10		1970
SPRING GARDEN COLLEGE			
COMPUTER CENTER	UNI 1004	T	1969
	IBM 1401	T	1969
SAINT FRANCIS COLLEGE			
COMPUTER CENTER	IBM 1130		1966
SAINT JOSEPH COLLEGE			
DATA CENTER	IBM 1401		1968
SUSQUEHANNA UNIVERSITY			
SUSQUEHANNA UNIV. COM. CENTER	XDS 7470		1970
SWARTHMORE COLLEGE			
COMPUTER CENTER	IBM 1130	T	1968
TEMPLE UNIVERSITY			
COMPUTER ACTIVITY	CDC 6400		19--
	IBM 1460		19--
PENNSYLVANIA, U OF			
UNIV OF PENN COMPUTER CENTER	IBM 360/75		1969
	IBM 360/75	T	1969
	IBM 360/20	T	1969
	IBM 360/20	T	1970
	DAI 70	T	1970
UNIVERSITY OF PITTSBURGH MAIN			
BUS SYSTEMS & DATA PROCESSING	IBM 360/40		1969
THE COMPUTER CENTER	IBM 709C		1964
	IBM 1401		1960
	IBM 1401		1962
	IBM 360/50		1969
	IBM 360/50		1966
	IBM 360/20	T	1970
CRYSTALLOGRAPHY DEPT	IBM 1130		1968
LIBRARY SYSTEMS DEVELOPMENT	IBM 1130		1968
ELECTRICAL ENGINEERING DEPT	DEC PDP8I		1970
	SCC 4700		1970
	MAN 700		1970
	MAN 700		1970
IND ENGR	HON 516		1971
CENTRAL HEALTH DATA CENTER	IBM 360/50	-	1971
	IBM 360/40	-	1969
PITTSBG BRADFORD CAM U OF			
COMPUTER CENTER	IBM 1130		1970
PITTSBG JOHNSTWN CAM U OF			
ENGINEERING DEPARTMENT	IBM 1130		1970
SCRANTON UNIVERSITY OF			
COMPUTER CENTER	IBM 1800		1967
	XDS SIGMA5		1970
VILLA MARIA COLLEGE			
COMPUTER CENTER DIRECTOR	IBM 1130		1969
VILLANOVA UNIVERSITY			
DATA PROCESSING OPER	IBM 360/30		1969
WILKES COLLEGE			
RESEARCH OFFICE	HON 115		1970
WILLIAMSPORT AREA CC			
DIRECTOR-COMPUTER CENTER	IBM 1401		1967
	IBM 1620		1965
YORK COLLEGE PENNSYLVANIA			
COMPUTER CENTER	IBM 1130		1968
MONTGOMERY CO COMMUNITY C			
DATA PROCESSING DEPT	IBM 1401		1967
PA ST U HERSHEY MEDL CTR			
MEDICAL COMPUTER CENTER	IBM 360/30		1969
PA STATE U CAPITOL CAMPUS			
COMPUTER CENTER	IBM 360/20		1968
PA STATE U MAIN CAMPUS			
DATA PROCESSING SERVICE	IBM 360/20		1967
	IBM 360/20		1967
	IBM 360/50		1967
	IBM 360/50		1967
COMPUTATION CENTER	IBM 360/67		1967
	IBM 1401		1962
	IBM 360/20	T	1969
	IBM 360/20	T	1968
	IBM 360/20	T	1969
	IBM 360/20	T	1969
	IBM 360/20	T	1968
	ADG AGT-30	T	1969
NORTHAMPTON CO AREA CC			
NCACC COMPUTER CENTER	IBM 360/40		1969
CLARION STATE C MAIN CAM			
COMPUTER CENTER	IBM 360/40		1969
RHODE ISLAND			
BARRINGTON COLLEGE			
COMPUTER CENTER	DEC PDP12		1970
BROWN UNIVERSITY			
ADMIN DATA PROCESSING	IBM 360/30		1970
COMPUTING LABORATORY	IBM 360/67		1970
SOCIOLOGY COMPUTER LAB	IBM 1130		1967
BRYANT COLLEGE OF BUS ADM			
COMPUTER CENTER	IBM 1130		1969
JOHNSON & WALES JC OF BUS			
DATA PROCESSING	IBM 1130		1970
RHODE ISLAND JR COLLEGE			
COMPUTER CENTER	IBM 360/25		1969
RHODE ISLAND U OF			
ADMINISTRATIVE DATA SYSTEMS	IBM 1410		1966
	IBM 360/40		1971
COMPUTER LABORATORY	IBM 360/50		1967
ELECTRICAL ENGINEERING	DEC PDP8	T	1969
	DEC PDP8	T	1964

	MFGR MODEL	DC	YR INSTAL
RHODE ISLAND (CONTINUED)			
ROGER WILLIAMS C MAIN CAM			
COMPUTER SERVICES	NCR 100		1970
SOUTH CAROLINA			
CITADEL MILITARY C OF SC			
DATA PROCESSING CENTER	NCR 100		1969
COMPUTER CENTER	IBM 1130		1967
CLEMSON U MAIN CAMPUS			
ACCOUNTING DIVISION	IBM 360/20	T	1967
COMPUTER CENTER	IBM 360/50		1970
PHYSICS DEPARTMENT	DEC PDP8S		1966
	DEC PDP8E		1971
COLLEGE OF ENGR, COMPUTER LAB	DEC PDP15	*	1970
	EAI 600	*	1970
CHEMICAL ENGINEERING	GEC 312	*	1968
	EAI TR48	*	1965
ERSKINE COLLEGE			
MATHEMATICS DEPT	DEC PDP11		1971
FURMAN UNIVERSITY			
COMPUTER CENTER	IBM 1130		1967
MEDICAL UNIVERSITY OF SC			
COMPUTER CENTER	IBM 360/40		1970
DATA COMPUTER PHYS. RESEARCH	DEC PDP12		1969
NEWBERRY COLLEGE			
MATHEMATICS	DEC PDP8L		1970
SC STATE COLLEGE			
DATA PROCESSING	IBM 1130		1969
SC MAIN CAMPUS U OF			
COMPUTER CENTER	IBM 7040		1965
	IBM 1401		1964
	IBM 360/25		1970
	DEC PDP11		1970
FLORENCE DARLINGTON TEDC			
DATA PROCESSING DEPT	IBM 360/25		1969
GREENVILLE TECH ED CENTER			
DATA PROCESSING	IBM 1620		1962
MIDLANDS TECH ED CENTER			
COMPUTER CENTER	IBM 1620		1965
MERK-CHASTN-CONCHSTR TEDC			
DATA PROCESSING DEPARTMENT	IBM 1620		1965
SOUTH DAKOTA			
AUGUSTANA COLLEGE			
DIRECTOR OF COMPUTER SERVICES	IBM 360/20		1969
	IBM 1130		1966
SIOUX FALLS COLLEGE			
SIOUX FALLS COLLEGE	IBM 1140		1968
SD SCH MINES & TECHNOLOGY			
COMPUTATION CENTER	CDC 3400		1970
	IBM 1130		1967
	DEC PDP8		1968
SD STATE UNIVERSITY			
RESEARCH AND DATA PROCESSING	IBM 360/40		1970
SOUTH DAKOTA U OF			
COMPUTER CENTER	IBM 1620		1962
	IBM 360/30		1968
	IBM 360/40		1970
NATIONAL COLLEGE BUSINESS			
COMPUTER SCIENCE DEPARTMENT	NCR 100		1970
TENNESSEE			
AUSTIN PEAY ST UNIVERSITY			
COMPUTER CENTER	IBM 1401		1967
CHRISTIAN BROTHERS COLLEGE			
COMPUTER CENTER	IBM 1130		1967
COLUMBIA ST CMTY COLLEGE			
COMPUTER SCIENCE TECH	IBM 360/25		1969
EAST TENN ST UNIVERSITY			
COMPUTING & RESEARCH CENTER	IBM 1401		1967
	IBM 1130		1969
FISK UNIVERSITY			
COMPUTER CENTER	IBM 1130		1970
GEORGE PEABODY C TEACHERS			
DATA PROCESSING	IBM SYS3		1970
DATA PROCESSING CENTER	IBM 1130		1968
LAMBUTH COLLEGE			
LAMBUTH COMPUTER CENTER	IBM 1130		1967
MEHARRY MEDICAL COLLEGE			
MEHARRY COMPUTER CENTER	XDS SIGMA7		1969
MEMPHIS STATE UNIVERSITY			
CENTER FOR COMPUTER SERVICES	IBM 1410		1969
	XDS SIGMA5		1970
	IBM 1130		1970
MIDDLE TENN ST UNIVERSITY			
COMPUTER CENTER	HON 1250		1970
	HON 316		1969
	HON 316		1969
STHN COLLLGE OF OPTOMETRY			
COMPUTER CENTER	IBM 1130		1967
SOUTHWESTERN AT MEMPHIS			
COMPUTER CENTER	IBM 1620		1967
TENNESSEE ST UNIVERSITY			
UNIV COMPUTER CENTER	IBM 1401		1967
	IBM 1620		1962
TENNESSEE TECHNOLOGICAL U			
U. W. MATTSON COMPUTER CENTER	IBM 360/40		1969
MATHEMATICS DEPARTMENT	IBM 1620		1969
TENN AT CHATTANOOGA U OF			
COMPUTER CENTER	IBM 360/30		1970
TENNESSEE KNOXVILLE U OF			
COMPUTER CENTER	IBM 360/65		1969
UNIV OF TENN AT MARTIN			
COMPUTER CENTER	IBM 1130		1970
SOUTH UNIVERSITY OF THE			
COMPUTER SCIENCE	IBM 1620		19--
	DAG 4001		1970
VANDERBILT UNIVERSITY			
DATA PROCESSING DEPT	IBM 7072		1965
	IBM 1401		1965

	MFGR MODEL	DC	YR INSTAL
TENNESSEE (CONTINUED)			
COMPUTER CENTER	XDS SIGMA7		1967
CHATTANOOGA ST TECH INST			
COMPUTER CENTER	IBM 360/20		1967
	IBM 1620		1965
CLEVELAND ST CMTY COLLEGE			
COMPUTER CENTER	IBM 360/20		1969
TENNESSEE AT MEMPHIS U OF			
CARDIOVASCULAR COMPUTER PROJ	IBM 1620		1961
	DEC PDP7		1966
BIOMETRIC COMPUTER CENTER	IBM 360/40		1967
NOTLOW STATE CMTY COLLEGE			
	HON 115		1971
STATE TECH INST			
COMPUTER DEPT,	IBM 1620		1967
	IBM 360/30		1968
NASHVILLE STATE TECH INST			
BUSINESS DATA PROCESSING DEPT,	IBM 360/30		1969
TEXAS			
ABILENE CHRISTIAN COLLEGE			
COMPUTER CENTER	IBM 1401		1964
ALVIN JUNIOR COLLEGE			
COMPUTER SCIENCE	IBM 360/30		1966
AMARILLO COLLEGE			
COMPUTER CENTER	UNI 9300		1969
ANGELO STATE UNIVERSITY			
I B M RECORDS	IBM 1620		1963
	IBM 360/25		1971
AUSTIN COLLEGE			
HOBLITZELLE COMPUTER CENTER	IBM 1130		1969
BEE COUNTY COLLEGE			
BEE COUNTY COLLEGE	IBM 1401		1967
BLINN COLLEGE			
COMPUTER SCIENCE	IBM 1130		1970
CISCO JUNIOR COLLEGE			
DATA PROCESSING	IBM 360/20		1970
COOKE CO JUNIOR COLLEGE			
REGISTRAR	IBM 1130		1967
DEL MAR COLLEGE			
DATA PROCESSING DEPT	IBM 360/40		1969
	IBM 1401		1967
EAST TEXAS ST UNIVERSITY			
COMPUTER CENTER	IBM 360/40		1968
HARDIN-SIMMONS UNIVERSITY			
COMPUTER CENTER	IBM 1130		1970
HENDERSON CO JR COLLEGE			
DATA PROCESSING DEPARTMENT	IBM 360/20		1970
LAMAR STATE COLLEGE TECHN			
COMPUTER CENTER	CDC 3300		1967
LAREDO JUNIOR COLLEGE			
DATA PROCESSING DEPT	IBM 1130		1969
LEE COLLEGE			
DATA PROCESSING CENTER	IBM 1401		1965
LETOURNEAU COLLEGE			
MATH DEPARTMENT	IBM 1130		1969
CMTY COLLEGE			
DATA PROCESSING DEPT, OSMCLENN	IBM 360/20		1969
MIDWESTERN UNIVERSITY			
DATA PROCESSING DEPARTMENT	IBM 1401		1967
	IBM 1130		1965
NAVARRO JUNIOR COLLEGE			
DATA PROCESSING	IBM 1130		1967
NORTH TEXAS ST UNIVERSITY			
COMPUTING CENTER	IBM 360/50		1970
	IBM 1620		1962
	IBM 1401		1966
ODESSA COLLEGE			
ELEC DATA PROCESSING DEPT	IBM 360/25		1970
PAN AMERICAN COLLEGE			
DATA PROCESSING DEPT	IBM 1130		1968
RICE UNIVERSITY			
NICE COMPUTING CENTER	SUR 8550		1968
DEPT OF SPACE SCIENCE	XDS 92		1967
	XDS 92		1967
	XDS 910		1967
TM BONNER NUCLEAR LAB	IBM 1800		1966
SAM HOUSTON ST UNIVERSITY			
DATA PROCESSING	IBM 360/30		1968
SAN JACINTO COLLEGE			
BUSINESS DATA PROCESSING	NCR 100		1969
ELECTRONICS TECHNOLOGY	DAG NOVA		1970
SOUTH PLAINS COLLEGE			
BUSINESS DEPARTMENT	NCR 100		1970
SOUTHERN METH UNIVERSITY			
BRADFIELD COMPUTING CENTER	IBM 360/44		1967
	CDC 1604		1969
	UNI 1108	T	1970
	DEC PDP10	T	1970
	HON 125C	T	1967
	UNI 5590	T	1957
ELECTRONIC SCIENCES CENTER	DEC PDP8I		1970
SEISMOLOGICAL OBSERVATORY	XDS 925		1966
INFORMATION & CONTROL	EAI 690		1969
SOUTHWEST TEX ST UNIVERSITY			
DATA PROCESSING DEPT	IBM 360/20		1967
COMPUTER CENTER	IBM 1130	T	1969
	UNI ATHENA	T	1967
SAINT MARYAS UNIVERSITY			
COMPUTER CENTER	NCR 200		1970
STEPHEN F AUSTIN STATE U			
COMPUTER CENTER	IBM 1401		1968
	IBM 360/40		1971
TEXARKANA COLLEGE			
DATA PROCESSING DEPT	IBM 360/25		1969

		MFGR	MODEL	DC	TR	INSTAL
TEXAS (CONTINUED)						
TARLETON STATE COLLEGE						
	DATA PROCESSING SERVICE	IBM	1401			1966
TEXAS A&M UNIVERSITY						
	DATA PROCESSING CENTER	IBM	360/65			1967
		IBM	1401			1964
TEXAS ST TECHNICAL INST						
	COMP. SCI. TECH.	IBM	1130			1967
		MEP	2114A			1969
TEXAS CHRISTIAN U						
	COMPUTER CENTER	IBM	1800			1967
		IBM	1620			1961
		IBM	360/20			1969
		IBM	1401			1965
TEXAS A & U						
	COMPUTATION CENTER	IBM	360/44			1968
		IBM	1620			1961
TEXAS SOUTHERN UNIVERSITY						
	DATA PROCESSING CENTER	IBM	1401			1963
TEXAS TECH UNIVERSITY						
	COMPUTER CENTER	IBM	360/50			1968
		IBM	1401			1968
		CDC	1604			1968
		IBM	7094			1970
	EE/PHYSICS	IBM	1620			1961
		HAN	700			1970
TEXAS WOMANS UNIVERSITY						
	DATA PROCESSING CENTER	IBM	1401			1967
		IBM	1620			1963
DALLAS UNIVERSITY OF						
	COMPUTER CENTER	IBM	1130			1967
HOUSTON UNIVERSITY OF						
	UNIV COMPUTING CENTER	UNI	1108	*		1970
		IBM	1130	T		1969
		SCC	DCT132	T		1969
		IBM	360/44	T		1969
		INT	A	T		1967
		BIT	480	T		1969
TEXAS AT ARLINGTON U OF						
	DATA PROCESSING	IBM	360/25			1970
	COMPUTER DEVELOPMENT & TRNG.	XDS	SIGMA7			1968
		IBM	1620			1961
		IBM	1620			1963
TEXAS AT AUSTIN U OF						
	DATA PROCESSING DIVISION	IBM	360/50			1969
		IBM	360/20			1969
	COMPUTATION CENTER	CDC	6600			1966
		CDC	8090	T		1968
	COMPUTER-ASSISTED INST LAB	IBM	1800			1967
	DEPT OF COMPUTER SCIENCES	CDC	1700			1969
	CENTER FOR NUCLEAR STUDIES	DEC	PDP7	T		1965
		DEC	PDP15	T		1970
	COLLEGE OF BUSINESS ADMIN	CDC	3100			1965
	APPLIED RESEARCH LABORATORIES	CDC	3200			1966
	DEPARTMENT OF ASTRONOMY	IBM	1800			1967
		DAG	4001			1969
		DAG	4001			1970
		DAG	4001			1971
		DAG	A101			1971
	DEPARTMENT OF CHEMISTRY	DEC	PDP12			1969
		CDC	160A			1970
		DEC	PDP8I			1969
		DEC	PDP12			1969
	DEPARTMENT OF PHYSICS	DEC	PDP15			1970
		DEC	PDP7			1965
	MEASUREMENT AND EVALUATION CTR	IBM	360/20			1967
	DEPT OF ELECTRICAL ENGINEERING	XDS	930			1968
		XDS	SIGMA5			1970
TEX MEDL SCH DALLAS U OF						
	CENTRAL DATA PROCESSING	IBM	360/20			1967
	SCIENTIFIC COMPUTER SYSTEM	IBM	1620			1966
	CARDIOPULMONARY DIVISION	DEC	PDP12			1970
	OPHTHALMOLOGY	IBM	1130			1967
TEXAS AT EL PASO U OF						
	DATA PROCESSING DEPT	IBM	360/25			1969
	COMPUTATION CENTER	CDC	3100			1967
WEATHERFORD COLLEGE						
	BUSINESS DEPARTMENT	IBM	SYS3			1970
WEST TEXAS ST UNIVERSITY						
	COMPUTER CENTER	IBM	360/50			1966
DALLAS COUNTY JR COLLEGE DIST						
	COMPUTER SERVICES	IBM	360/40			1967
BAYLOR COLLEGE OF MED						
	INSTITUTE OF COMPUTER SCIENCE	IBM	360/50			1968
BRAZOSPORT JUNIOR COLLEGE						
	COMPUTER TECHNOLOGY	RCA	70/35			1970
TARRANT CO JC NORTHEAST CAMPUS						
	DATA SYSTEMS	IBM	360/40			1970
TARRANT CO JC SOUTH CAMPUS						
	DATA SYSTEMS	IBM	1401			1967
SAN ANTONIO COLLEGE						
	COMPUTER SERVICES	IBM	360/50			1969
UTAH						
BRIGHAM YOUNG UNIVERSITY						
	COMPUTER RESEARCH CENTER	IBM	360/50			1968
		IBM	1130			19**
	ENGR ANALYSIS CENTER	CDC	LGP30			1967
		SEL	810-B			1969
UTAH STATE UNIVERSITY						
	UTAH STATE UNIV COMPUTER CEN	IBM	360/44			1967
		UNI	920C	T		1968
SOUTHERN UTAH ST COLLEGE						
	SUSC COMPUTER CENTER	IBM	1620			1969
WEBER STATE COLLEGE						
	DATA PROCESSING DEPT	IBM	360/40			1969

		MFGR MODEL	OC	YR INSTAL
UTAH	(CONTINUED)			
UTAH TECH COLLEGE				
		IBM 1620		19--
		IBM 1401		19--
		DEC PDP8		19--
VERMONT				
CASTLETON STATE COLLEGE				
COMPUTATION CENTER		IBM 1130		1970
CHAMPLAIN COLLEGE				
COMPUTER CENTER		IBM 1130		1969
MIDDLEBURY COLLEGE				
DATA PROCESSING DEPT.		IBM 360/20		1969
NORWICH UNIVERSITY				
COMPUTER CENTER		NCR 100		1970
SAINT MICHAELS COLLEGE				
COMPUTER SERVICES		IBM 360/20		1970
VIRGINIA				
BRIDGEWATER COLLEGE				
C E SHULL COMPUTING CENTER		IBM 1130		1967
WILLIAM & MARY MAIN CAM C				
COMPUTER CENTER		IBM 360/50		1967
EASTERN MENNONITE COLLEGE				
CAMPUS COMPUTING CENTER		IBM 1130		1968
EMORY AND HENRY COLLEGE				
PHYSICS		DEC PDP8I		1970
HAMPDEN-SYDNEY COLLEGE				
ACADEMIC COMPUTATION FACILITY		IBM 1130		1968
HOLLINS COLLEGE				
		DEC PDP8I		1969
		DEC PDP8O		1970
EDUCATIONAL COMPUTER CENTER				
EDUCATIONAL COMPUTER CENTER		NCR 200		1970
		HON 1642		1971
MADISON COLLEGE				
IBM ROOM COMPUTER SERVICES		IBM 1130	T	1967
MARY BALDWIN COLLEGE				
COMPUTER CENTER		IBM 1130		1970
NORTHERN VIRGINIA COMMUNITY CO				
ADMINISTRATIVE DATA PROCESSING		HON 1250		1970
OLD DOMINION UNIVERSITY				
DATA PROCESSING CENTER		IBM 1401		1964
		IBM 1620		1963
		IBM 1130	T	19--
		IBM 1130	T	19--
RANDOLPH-MACON COLLEGE				
COMPUTER CENTER		IBM 1800		1969
VIRGINIA COMMONWEALTH U				
MEDICAL COLLEGE HOSPITALS		IBM 7010		1966
		IBM 1800		1968
BIOMETRY DEPARTMENT		IBM 1130		1967
ACADEMIC COMPUTER CENTER		HON 200		1966
UNIV OF RICHMOND				
COMPUTER CENTER		IBM 1620		1964
VIRGINIA MILITARY INST				
COMPUTER CENTER		IBM 1620		1963
VA POLY INST AND STATE UNIV				
COMPUTING CENTER		IBM 360/65		1969
		IBM 360/50		1968
DANVILLE CMTY COLLEGE				
BUSINESS DIVISION		IBM 1620		1962
WASHINGTON-LEE UNIVERSITY				
COMPUTER CENTER		IBM 1130		1968
JOHN TYLER CMTY COLLEGE				
DIV. OF BUSINESS		NCR 100		1969
CENTRAL VA CMTY COLLEGE				
DATA PROCESSING DEPT		IBM 1130	T	1969
VIRGINIA MAIN CAMPUS U OF				
DATA PROCESSING CENTER		IBM 1460		1964
COMPUTER-SCIENCE CENTER		BUR B5500		1964
WASHINGTON				
CENTRAL WASH ST COLLEGE				
DATA PROCESSING DEPT		IBM 360/20		1967
		RCA 70/45		1970
		IBM 1620		1961
CENTRALIA COLLEGE				
COMPUTER CENTER		IBM 360/30		1968
		IBM 1620		1962
CLARK COLLEGE				
DATA PROCESSING CENTER		IBM 360/30		1968
EASTERN WASH ST COLLEGE				
COMPUTER CENTER		RCA 70/45		1969
EVERETT CMTY COLLEGE				
DATA PROCESSING DEPT		IBM 1401		1968
GONZAGA UNIVERSITY				
COMPUTER CENTER		IBM 1130		1966
		IBM 360/40		1970
GRAYS HARBOR COLLEGE				
DATA PROCESSING		IBM 1401		1967
HIGHLINE CMTY COLLEGE				
EDUCATIONAL DATA CENTER		IBM 360/40		1968
LOWER COLUMBIA COLLEGE				
COMPUTER CENTER		IBM 1401		1967
OLYMPIC COLLEGE				
VOC DATA PROCESSING INSTR		IBM 1620		1962
SEATTLE COMMUNITY COLLEGE				
SYSTEMS & COMPUTING SERVICES		IBM 360/30		1967
DATA PROCESSING INSTRUCTION		IBM 1620		1963
SEATTLE UNIVERSITY				
COMPUTER CENTER		IBM 1620		1965
SPOKANE COMMUNITY COLLEGE				
DATA PROCESSING DEPT		IBM 1620		1962
PUGET SOUND UNIVERSITY OF				
U. OF PUGET SOUND-COM. CENTER		UNI 9200		1969
WALLA WALLA COLLEGE				
		IBM 360/20		19--
WASHINGTON ST UNIVERSITY				
SYSTEMS & COMPUTING		IBM 360/67		1966
		IBM 360/20		1968

		MFGR	MODEL	OC	YR INSTAL
WASHINGTON (CONTINUED)					
		EAI	680		1968
		INT	15		1968
		INT	15		1969
WESTERN WASH ST COLLEGE					
COMPUTER CENTER		IBM	360/40		1968
		IBM	360/20		1967
WHITMAN COLLEGE					
DATA PROCESSING CENTER		IBM	1620		1964
		NCR	100		1970
YAKIMA VALLEY COLLEGE					
DATA PROCESSING		IBM	1620		1964
FORT STEILACOOM CC					
DEPARTMENT OF DATA PROCESSING		IBM	1130		1971
		IBM	360/40		1967
WEST VIRGINIA					
BETHANY COLLEGE					
COMPUTER CENTER		IBM	360/20		1967
		DAG	SUPACV		1970
FAIRMONT STATE COLLEGE					
COMPUTER CENTER		IBM	1130		1969
MARSHALL U MAIN CAMPUS					
COMPUTER CENTER		IBM	1620		1964
		DEC	PDP8		1969
MORRIS HARVEY COLLEGE					
DATA PROCESSING DEPARTMENT		IBM	360/20		1970
W LIBERTY ST C MAIN CAM					
COMPUTER CENTER		NCR	100		1969
WEST VA INST TECHNOLOGY					
COMPUTER CENTER		IBM	1130		1967
		IBM	360/25		1970
WEST VIRGINIA U MAIN CAMPUS					
COMPUTER CENTER		IBM	360/75		1969
		IBM	1130	T	1969
POTOMAC STATE C OF W VA U					
COMPUTER CENTER		NCR	100		1970
WEST VA WESLEYAN COLLEGE					
COMPUTER CENTER		NCR	615		1969
WISCONSIN					
BELOIT COLLEGE					
COMPUTER CENTER		IBM	1800		1967
CARROLL COLLEGE					
COMPUTER SCIENCE DEPT.		IBM	1130		1969
WESTERN WIS TECH INSTITUTE					
ADMINISTRATION ADMIN SERVS		BUR	825C0		1970
LAWRENCE U MAIN CAMPUS					
COMPUTER CENTER		IBM	1620		1964
MARQUETTE U MAIN CAMPUS					
DATA PROCESSING CENTER		IBM	360/30		1967
COMPUTING CENTER		IBM	704C		1965
MILWAUKEE SCH ENGINEERING					
TIME SHARING SYSTEMS INC		BUR	855C0		1966
RIPON COLLEGE					
COMPUTER CENTER		NCR	395		1966
		DEC	PDP8L		1969
		DEC	PDP8I		1970
SAINT NORBERT COLLEGE					
DATA PROCESSING DEPT		IBM	1130		1966
WISCONSIN MADISON U OF					
SPACE ASTRO LAB		IBM	1130		1967
		DEC	PDP8		1965
		DEC	PDP8		1967
SCHOOL OF BUS DATA PROC CENTER		IBM	1410	T	1962
LABORATORY COMPUTER FACILITY		DEC	LINC		1965
		DEC	LINC		1966
		DEC	LINC8		1968
		DEC	LINC8		1968
		DEC	PDP12		1970
HIGH ENERGY PHYSICS		CDC	924		1964
		SCC	4700		1970
		DEC	PDP8		1966
BEHAVIORAL CYBERNETICS LAB		CDC	160A		1963
LABORATORY OF NEUROPHYSIOLOGY		DEC	LINC		1964
		DEC	LINC		1966
ARC-COLLEGE OF AGR		IBM	1410		1962
WISCONSIN MILWAUKEE U OF					
COMPUTER CENTER		IBM	1401		1964
		IBM	360/40		1971
		IBM	360/20		1971
		UNI	930C		1969
		UNI	920C		1970
WISCONSIN GREEN BAY U OF					
COMPUTING AND DATA SERVICES		IBM	1130		1969
		UNI	920C		1970
STOUT STATE U MAIN CAMPUS					
COMPUTER CENTER		IBM	1401		1967
		IBM	1130		1968
WIS STATE U EAU CLAIRE					
DATA PROCESSING CENTER		BUR	835C0		1969
WIS STATE U AT LA CROSSE					
COMPUTER CENTER		BUR	825C0		1970
		IBM	1130		1967
WISCONSIN STATE UNIVERSITY OSH					
COMPUTER CENTER		IBM	360/40		1968
WIS ST U PLATVL MAIN CAM					
COMPUTER CENTER		IBM	1401		1967
		IBM	1130		1968
WSU RIVER FALLS					
COMPUTER CENTER		IBM	1130		1970
		IBM	1401		1970
WIS STATE U STEVENS POINT					
DATA PROCESSING		IBM	1130		1968
WIS STATE U AT SUPERIOR					
DATA PROCESSING CENTER		IBM	1401		1967
WIS STATE U WHITEWATER					
WSU-W COMPUTER CENTER		IBM	360/25		1969
		IBM	1130		1967

	MFGR MODEL	OC	YR INSTAL
WISCONSIN (CONTINUED)			
LAWRENCE U INST PAPER CHEM			
MACHINE COMPUTATION CENTER	IBM 360/44		1968
DIST. ONE TECH. INST.			
DATA PROCESSING DEPT.	IBM 1401		1967
	BUR B25C0		1970
NORTH CENTRAL TECH INST			
BUSINESS EDUCATION DEPT	IBM 360/25		1969
MEDICAL COLLEGE OF WISCONSIN			
COMPUTER CENTER	IBM 360/40		1968
WAUKESHA COUNTY TECH INST			
DATA PROCESSING DEPARTMENT	IBM 360/30		1970
WYOMING			
CASPER COLLEGE			
DATA PROCESSING DEPARTMENT	IBM 1130		1967
NORTHWEST CMTY COLLEGE			
NWCC COMPUTER CENTER	IBM 1130		1968
WYOMING UNIVERSITY OF			
COMPUTER CENTER	PHI 2000		1964
	IBM 1401		1962
	XDS SIGMA5		1970
U. S. SERVICE SCHOOLS			
US NAVAL POSTGRAD SCHOOL			
W. R. CHURCH COMPUTER CENTER	IBM 360/67		1967
DEPT ELEC ENGR	XDS 930C		1969
	ADG AGT/10	T	1969
	ADG AGT/10	T	1969
	CDC 160	T	1962
US COAST GUARD ACADEMY			
COMPUTING CENTER	GEC 225		1970
	IBM 1620		1961
U. S. NAVAL ACADEMY			
DATA PROCESSING DIVISION	IBM 360/30		1966
ACADEMIC COMPUTING CENTER	IBM 7094		1969
	IBM 1401		1969
	IBM 1130		1967
	IBM 1620		1962
	HON 635		1970
EDUCATIONAL SYSTEMS CENTER	IBM 1800		1967
US MILITARY ACADEMY			
ACADEMIC COMPUTER CENTER	GEC 635	*	1969
	GEC DNET30	*	1965
	GEC DNET30	*	1969
	GEC 225	*	1964
	GEC 225	*	1964
	DEC PDP8I	*	1968
	DEC PDP8S	*	1968
AIR FORCE INST TECHNOLOGY			
MATH/ENG/ACAD DEV	IBM 1620		1968
	IBM 1620		1961
	HON 615	*	1970
	HON 115	*	1970
PUERTO RICO			
CATHOLIC U PUERTO RICO			
DATA PROCESSING CENTER	IBM 360/20		1967
PR MAYAGUEZ U OF			
COMPUTER CENTER	IBM 360/40		1969
PR RIO PIEDRAS U OF			
COMPUTING CENTER	IBM 360/40		1971
	IBM 1130		1963

III. EXPENDITURES AND SOURCES OF SUPPORT

1. Expenditures

When comparing expenditure or cost estimates for computers in higher education from different sources, there are several cost elements which may or may not have been included at any given time due to policy changes or instructions in any given study and due to differences in the intent and purposes of the different studies. The following are among such elements:

a. Indirect Costs or Overhead
b. Manufacturers' Discounts
c. Administrative Uses of Computers
d. Depreciation of Purchased Equipment
e. Research and Development (may be shifting from computer center to computer science or other department)
f. Instruction Salaries
g. Computer Services to Others Outside the Institution

The estimates shown in Table III - 1:

a. do contain a 20 percent of direct costs item as an estimate of indirect costs.
b. do not contain any allowance for manufacturers' discounts (estimated to have been 20-30 million),
c. do include costs for administrative uses of computers,
d. do not contain depreciation amounts on purchased equipment or buildings,
e. do not include expenditures for instructional departments in computer sciences, etc., except for computer services supplied to those departments, and
f. do include services to those outside the institution.

The computations in Table III-1 for the elementary groups were carried out in accordance with the method outlined in Section I. The estimates of expenditures for the major groupings were obtained by combining the estimates for the appropriate elementary groups. All estimates were rounded to the nearest one-tenth of a million.

Figures III-1 and III-9 present these estimates graphically. The sources of support are grouped into three categories; Institution, Federal, and Other, and the percentages for each are designated on the charts.

Table III-1
Estimates of 1969-70 Expenditures* for Computers
in
Institutions of Higher Education by Source

(Millions of Dollars)

Group	Total No. Institutions	Insti-tutions	All Federal	Other	Total**
All Institutions	2807	331.4	79.3	61.7	472.0
Control:					
Public	1306	242.2	43.6	39.5	324.9
Private	1501	89.2	35.7	22.2	147.1
Highest Level of Offering:					
Associate Degree	1049	50.3	1.2	11.6	63.2
Bachelor's Degree	865	20.5	3.6	2.1	26.3
Master's Degree	553	57.0	2.5	5.4	64.8
Doctorate	340	203.6	72.0	42.6	317.7
Enrollment (Fall 1968) Class:					
Below 500	776	6.1	1.8	4.8	12.9
500-- 2,499	1322	48.4	7.0	7.2	62.7
2,500-- 9,999	532	111.8	22.4	19.1	153.1
10,000-- 19,999	135	92.8	24.7	23.0	140.0
20,000 and above	42	72.3	23.4	7.6	103.3
Control and Level:					
Public, Associate	786	49.0	1.2	11.6	61.9
Bachelor's	117	9.0	1.0	.7	10.6
Master's	226	42.0	1.2	3.1	46.1
Doctorate	177	142.2	40.2	24.1	206.3
Private, Associate	263	1.3	.0	.0	1.3
Bachelor's	748	11.5	2.6	1.4	15.7
Master's	327	15.0	1.3	2.3	18.7
Doctorate	163	61.4	31.8	18.5	111.4
Control and Enrollment Class:					
Public, Below 500	219	3.9	.6	3.9	8.4
500-- 2,499	546	28.6	3.0	4.1	35.8
2,500-- 9,999	390	72.1	7.5	12.9	92.3
10,000--19,999	113	70.9	10.7	11.6	92.9
20,000 and above	38	66.7	21.8	7.0	95.5
Private, Below 500	557	2.2	1.2	.9	4.5
500-- 2,499	776	19.8	4.0	3.1	26.9
2,500-- 9,999	142	39.7	14.9	6.2	60.8
10,000--19,999	22	21.9	14.0	11.4	47.1
20,000 and above	4	5.6	1.6	.6	7.8
Level and Enrollment Class:					
Associate, Below 500	364	2.5	.4	3.6	6.5
500--2,499	482	17.2	.3	2.7	20.3
2,500--9,999	173	21.5	.5	4.9	26.9
10,000-19,999	28	6.9	.0	.4	7.3
20,000 and above	2	2.2	.0	.0	2.2
Bachelor's, Below 500	253	1.7	1.0	1.0	3.9
500-- 2,499	565	11.2	1.9	.9	14.0
2,500-- 9,999	47	7.6	.7	.2	8.4
10,000--19,999	0	---	---	---	---
20,000 and above	0	---	---	---	---
Master's, Below 500	100	.6	.0	.2	.8
500- 2,499	217	8.1	1.4	1.5	11.0
2,500- 9,999	206	33.7	.9	3.1	37.9
10,000-19,999	26	11.2	.2	.6	11.7
20,000 and above	4	3.4	.0	.0	3.4

Table III-1
(cont'd)
Estimates of 1969-70 Expenditures * for Computers
in
Institutions of Higher Education by Source

(Millions of Dollars)

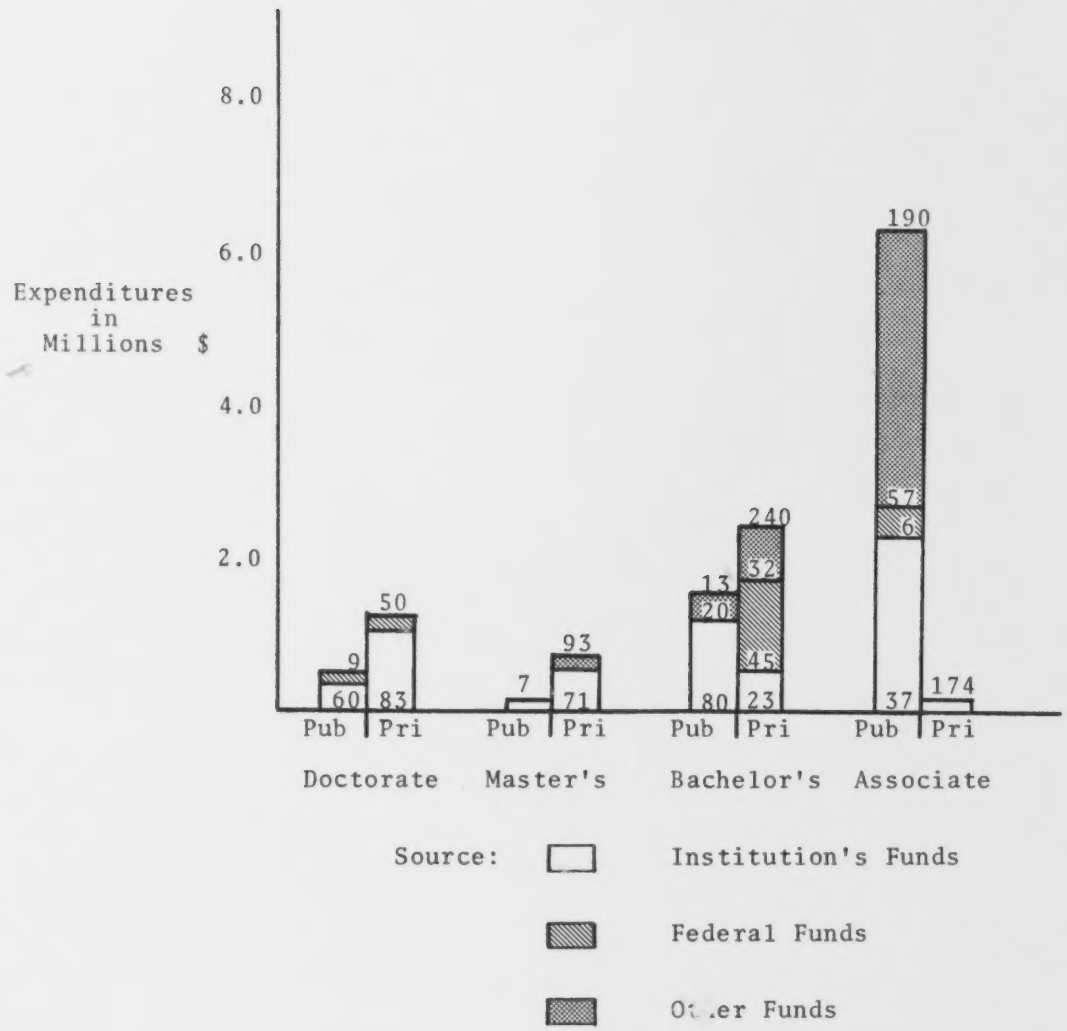
Group	Total No. Institutions	Insti-tutions	All Federal	Other	Total **
Level and Enrollment Class: Contd.					
Doctorate, Below 500	59	1.3	.4	.0	1.7
500 -- 2,499	58	11.9	3.4	2.1	17.4
2,500-- 9,999	106	49.0	20.3	10.9	79.9
10,000-- 19,999	81	74.7	24.5	22.0	121.0
20,000 and above	36	66.7	23.4	7.6	97.7
Control, Level and Enrollment Class: (Elementary Group)					
Public, Associate, Below 500	192	2.3	.4	3.6	6.3
500-- 2,499	398	16.1	.3	2.7	19.2
2,500-- 9,999	168	21.5	.5	4.9	26.9
10,000--19,999	28	6.9	.0	.4	7.3
20,000 and above	2	2.2	.0	.0	2.2
Bachelor's, Below 500	13	1.2	.0	.3	1.5
500-- 2,499	78	3.1	.3	.2	3.6
2,500-- 9,999	26	4.7	.7	.2	5.5
10,000--19,999	0	---	---	---	---
20,000 and above	0	---	---	---	---
Master's, Below 500	7	.1	.0	.0	.1
500-- 2,499	46	2.2	.7	.3	3.7
2,500-- 9,999	145	25.9	.4	2.2	28.5
10,000--19,999	24	10.4	.1	.6	10.9
20,000 and above	4	3.4	.0	.0	3.4
Doctorate, Below 500	9	.3	.2	.0	.5
500-- 2,499	24	7.2	1.7	.9	9.8
2,500-- 9,999	51	20.0	5.9	5.6	31.4
10,000--19,999	61	53.6	10.6	10.6	74.7
20,000 and above	32	61.1	21.8	7.0	89.9
Private, Associate, Below 500	174	.2	.0	.0	.2
500-- 2,499	84	1.1	.0	.0	1.1
2,500-- 9,999	5	.0	.0	.0	.0
10,000--19,999	0	---	---	---	---
20,000 and above	0	---	---	---	---
Bachelor's, Below 500	240	.5	1.0	.7	2.4
500-- 2,499	487	8.1	1.6	.7	10.4
2,500-- 9,999	21	2.9	.0	.0	2.9
10,000--19,999	0	---	---	---	---
20,000 and above	0	---	---	---	---
Master's, below 500	93	.5	.0	.2	.7
500-- 2,499	171	5.9	.7	1.2	7.8
2,500-- 9,999	61	7.8	.5	.9	9.4
10,000--19,999	2	.8	.1	.0	.8
20,000 and above	0	---	---	---	---
Doctorate, Below 500	50	1.0	.2	.0	1.2
500-- 2,499	34	4.7	1.7	1.2	7.6
2,500-- 9,999	55	29.0	14.4	5.3	48.5
10,000--19,999	20	21.1	13.9	11.4	46.3
20,000 and above	4	5.6	1.6	.6	7.8

* Computed from "INCOME"
** Computed Independently

Figure III-1

Estimated Expenditures for Computing Activities in U. S. Institutions of Higher Education by Type of Control and Level of Offering 1969-70

Enrollment Class: Below 500

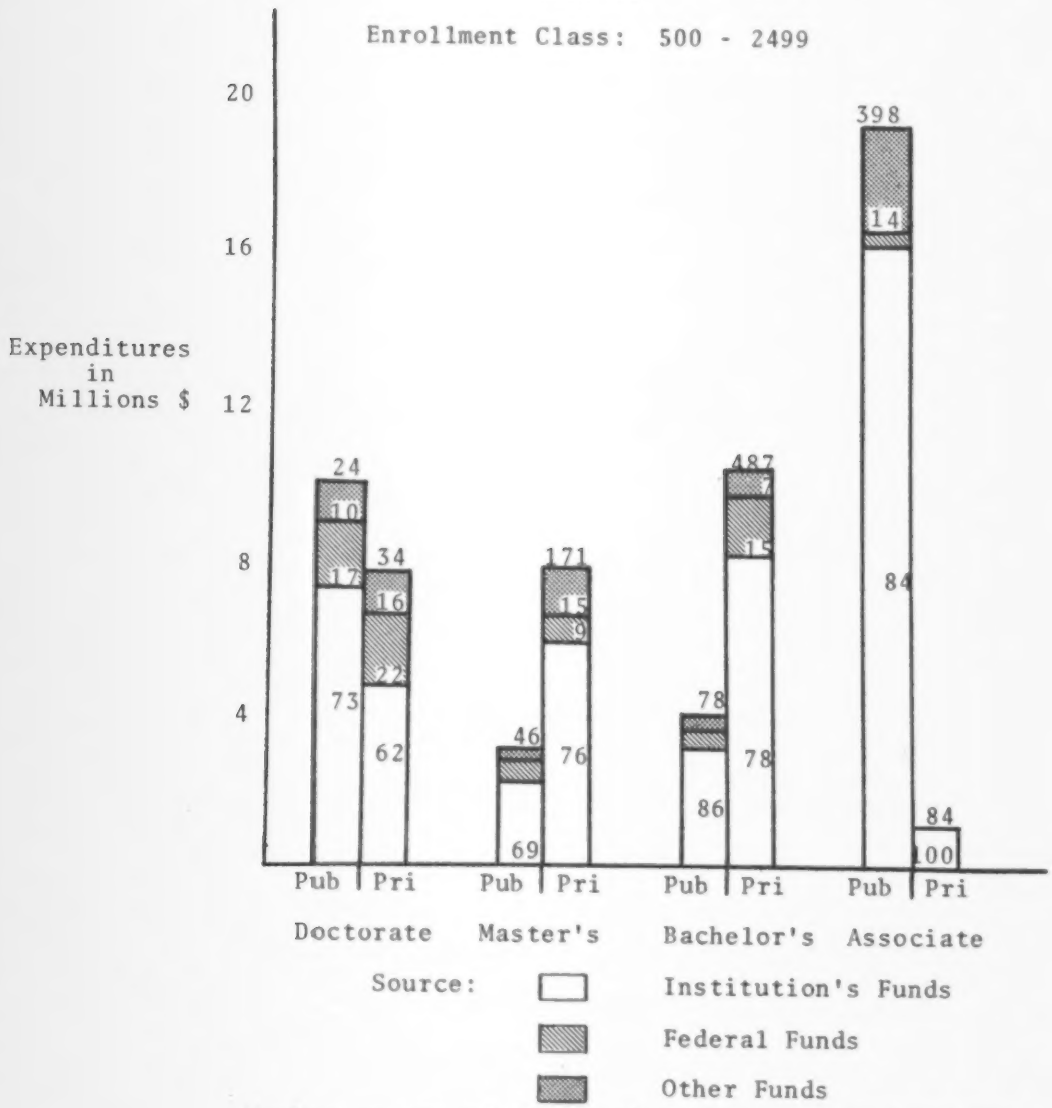


Number on top of bar is the number of institutions in that group

Number inside bar is percentage of total for that Source

Figure III-2

Estimated Expenditures for Computing Activities in U. S. Institutions of Higher Education by Type of Control and Level of Offering 1969-70

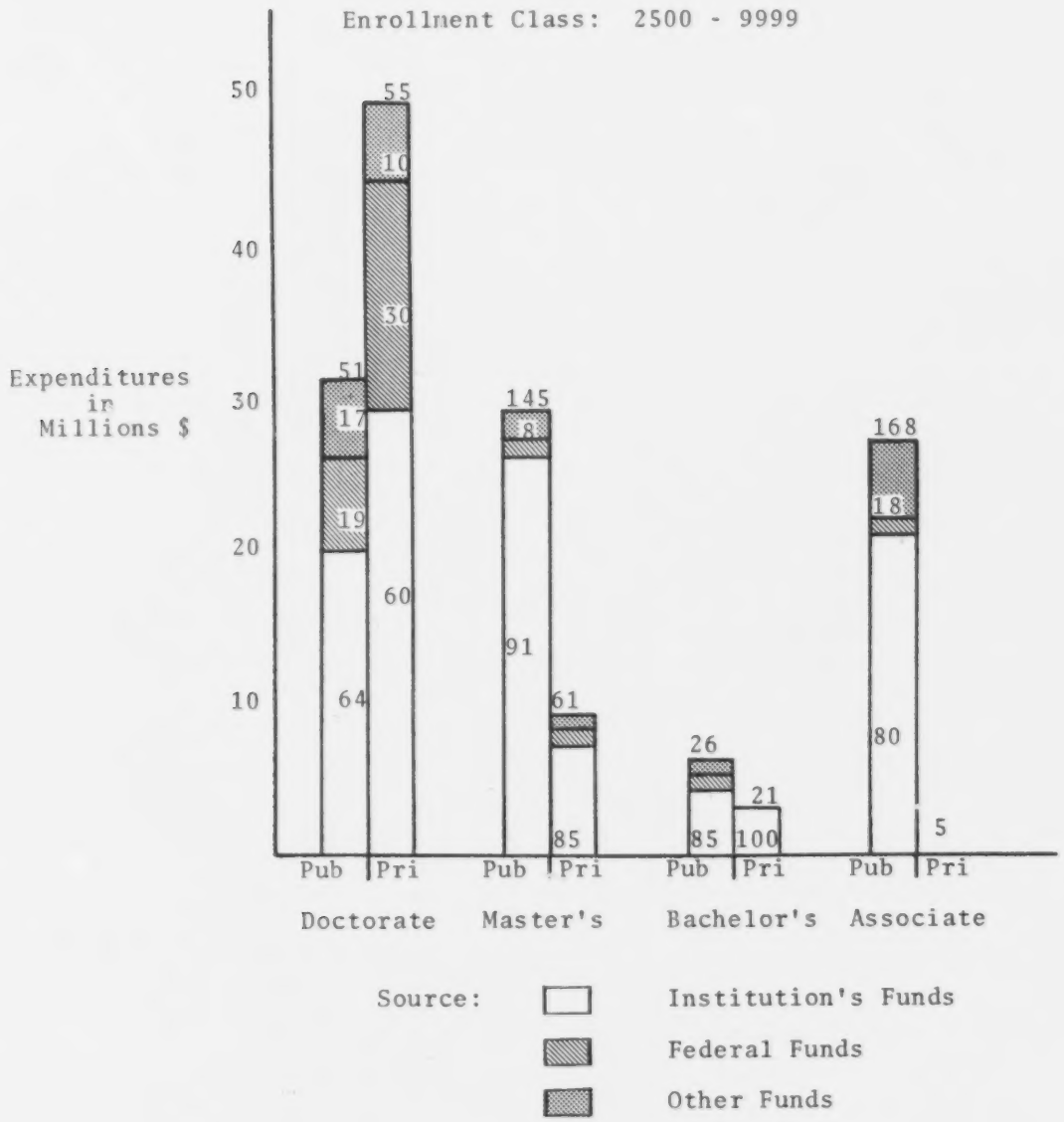


Number on top of bar is the number of institutions in that group

Number inside bar is percentage of total for that Source

Figure III-3

Estimated Expenditures for Computing Activities in
U. S. Institutions of Higher Education by
Type of Control and Level of Offering
1969-70

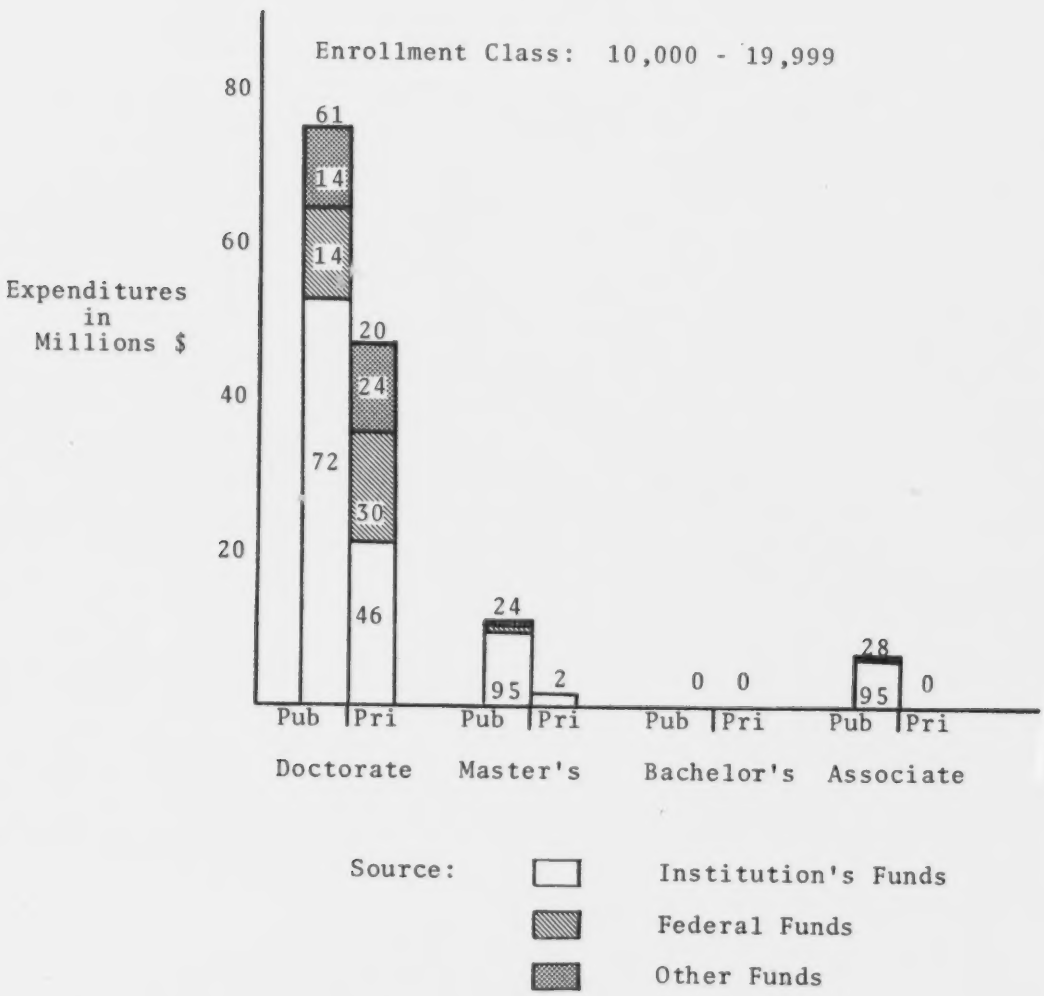


Number on top of bar is the number of institutions
in that group

Number inside bar is percentage of total for that Source

Figure III-4

Estimated Expenditures for Computing Activities in U. S. Institutions of Higher Education by Type of Control and Level of Offering 1969-70



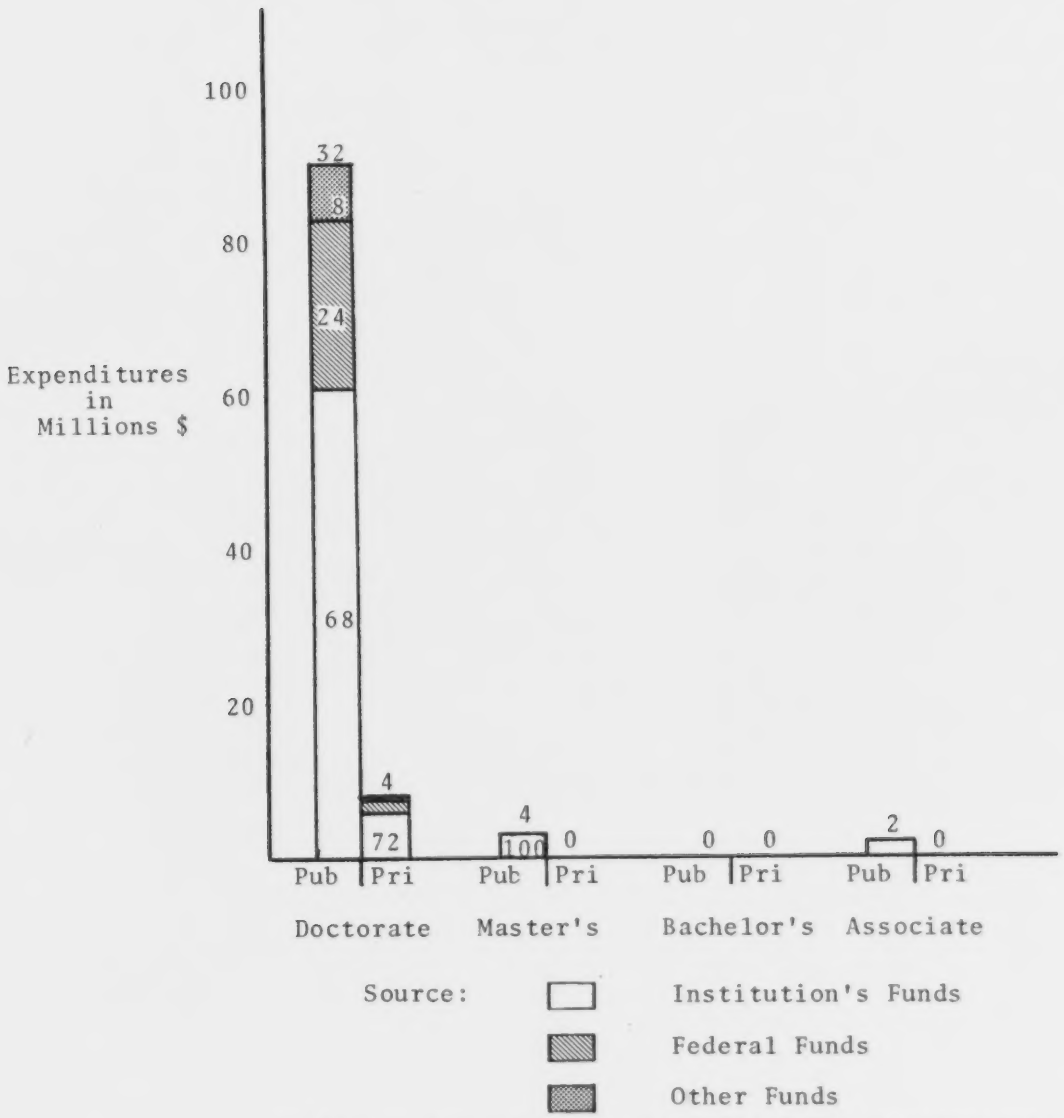
Number on top of bar is the number of institutions in that group

Number inside bar is percentage of total for that Source

Figure III-5

Estimated Expenditures for Computing Activities in
U. S. Institutions of Higher Education by
Type of Control and Level of Offering
1969-70

Enrollment Class: 20,000 plus

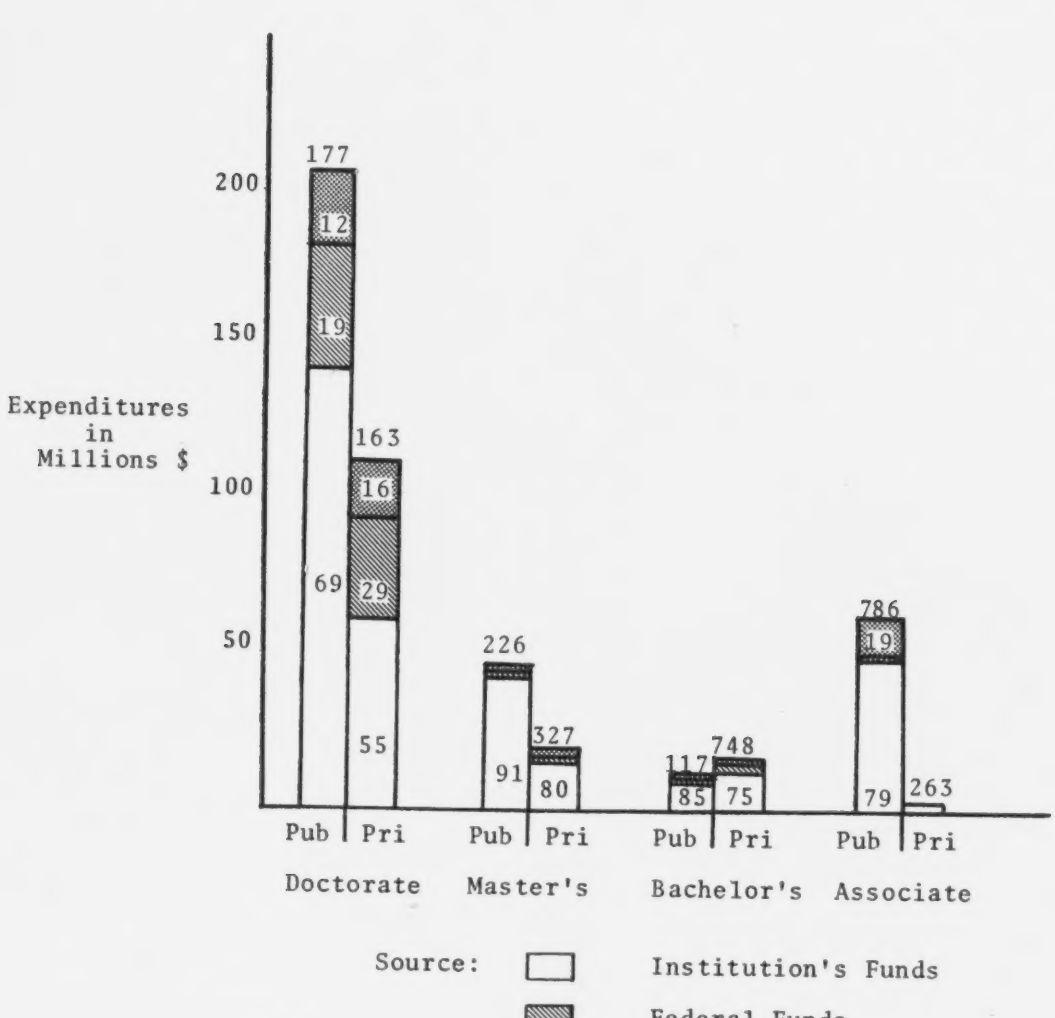


Number on top of bar is the number of institutions in that group

Number inside bar is percentage of total for that Source

Figure III-6

Estimated Expenditures for Computing Activities in
U. S. Institutions of Higher Education by
Type of Control and Level of Offering
1969-70

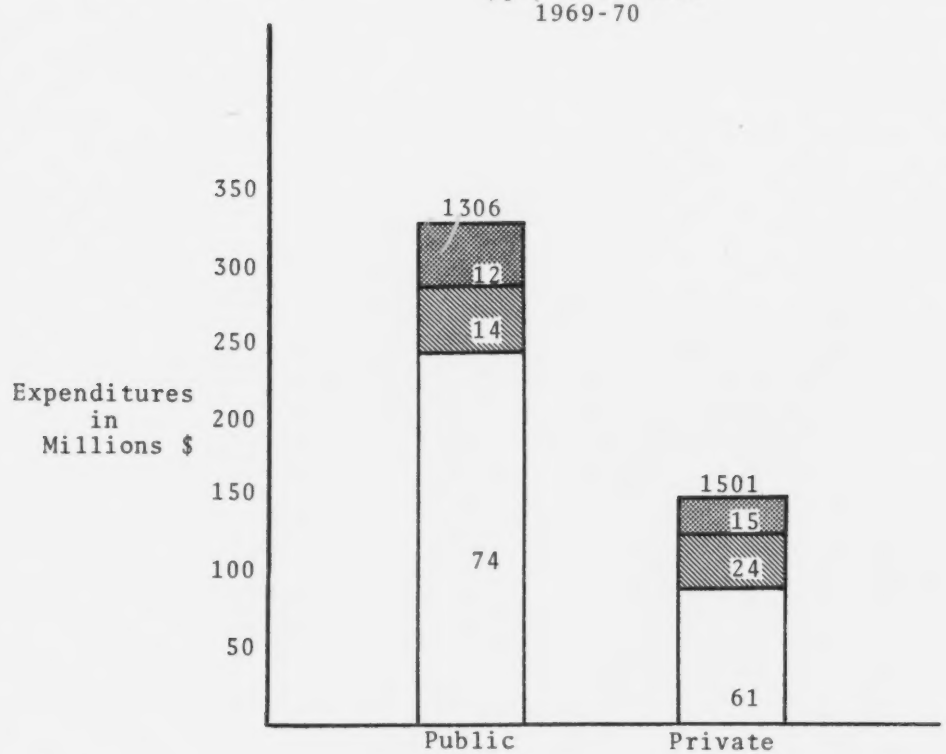


Number on top of bar is the number of institutions in that group

Number inside bar is percentage of total for that Source

Figure III-7

Estimated Expenditures for Computing Activities in U. S. Institutions of Higher Education by Type of Control 1969-70



Source:

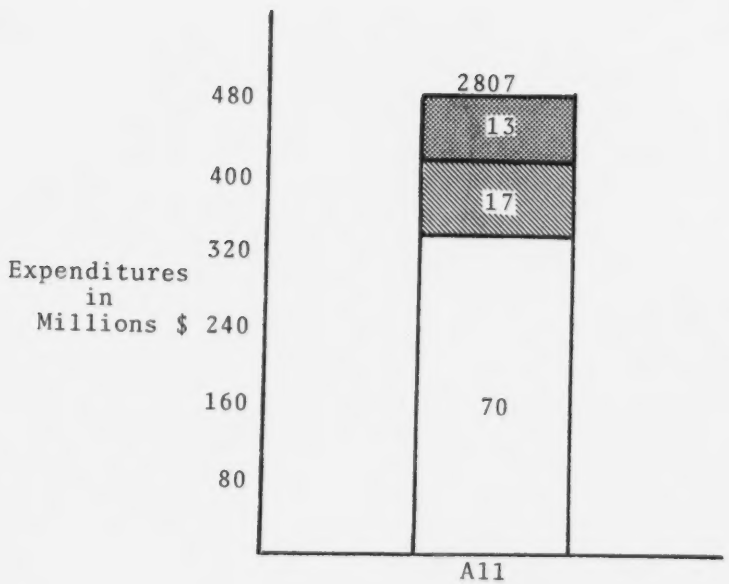
- Institution's Funds
- Federal Funds
- Other Funds

Number on top of bar is the number of institutions in that group

Number inside bar is percentage of total for that Source

Figure III-8

Estimated Expenditures for Computing Activities in
U. S. Institutions of Higher Education
1969-70



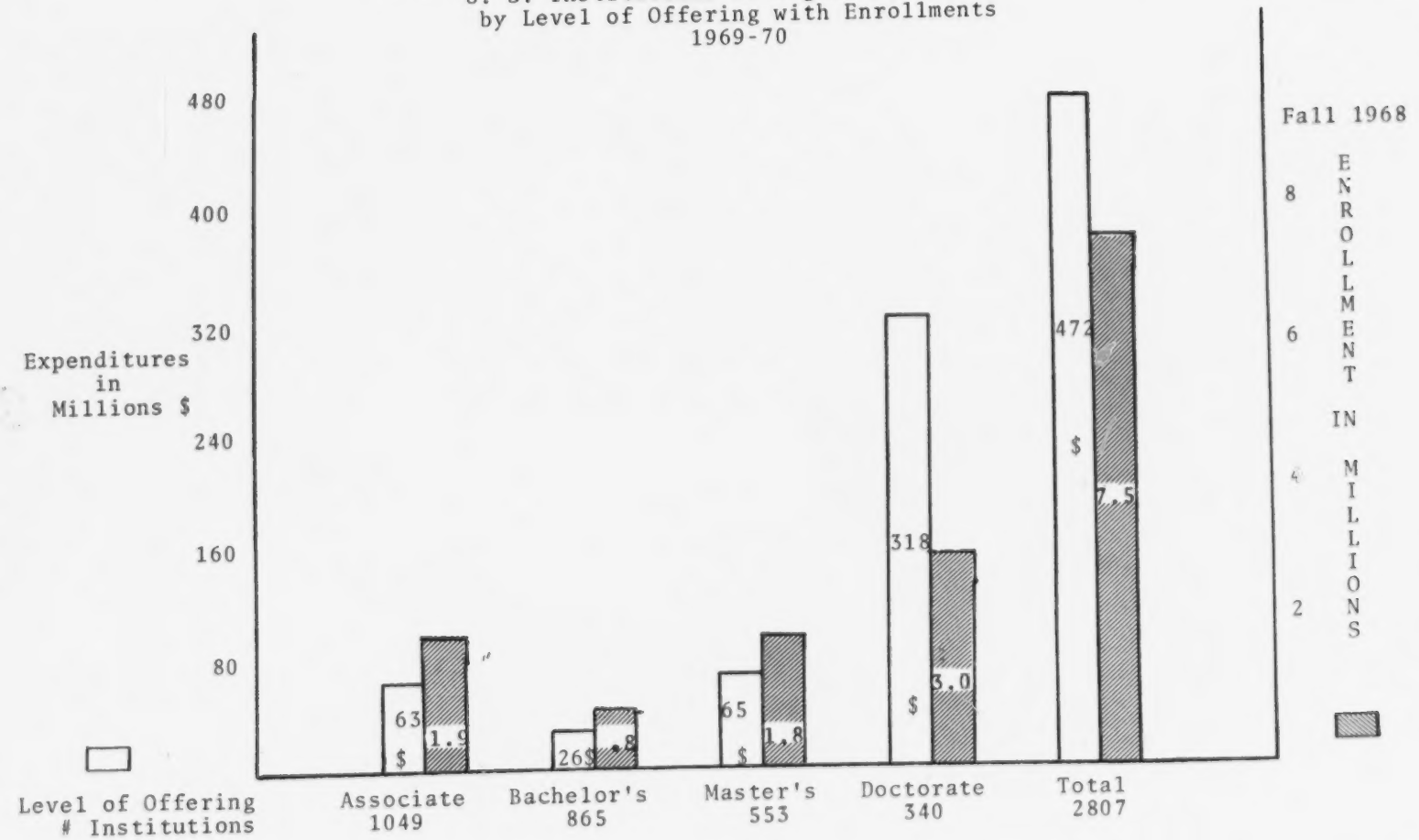
Source:
- Institution's Funds
- Federal Funds
- Other Funds

Number on top of bar is the number of institutions

Number inside bar is percentage of total for that Source

Figure III-9

Estimated Expenditures for Computing Activities in
U. S. Institutions of Higher Education
by Level of Offering with Enrollments
1969-70



2. Sources of Support

Each installation was asked to report on FORM 1 the total income during 1969-1970 from the parent institution, each of seven specific federal agencies (NSF, NIH, AEC, ARPA, NASA, ONR, and OE) and an "other federal" category, state and other. Figure III-10 shows the total amounts (Millions of dollars) obtained from each source. The data for Figure III-10 was obtained by adding these amounts over all installations reporting. Population estimates were not computed.

Figures similar to Figure III-10 can easily be constructed for any subgroup of the institutions from the summaries appearing in Section VI.

Population estimates for the amount of support supplied by "Institution," "Total Federal," and "Other" were computed and presented in Table III-1. The results are presented graphically in Figures III-1 thru III-8.

3. Distribution of Expenditures

An estimated 30 percent of the reported expenditures were for on campus instructional uses of the computing facilities. More than half of these (18%) expenditures were for credit instruction at the parent institution. (see Figure III-11). Approximately 32 percent was for research and 34 percent for institution administration. In dollar amounts these estimates are roughly 142 million for instruction, 151 million for research and 161 million for administration. The remaining 4 percent or $19 million dollars included services to other educational institutions (estimated to be 3%) and local industry and government agencies (1%).

The above estimates were obtained by assigning costs to the four categories on the basis of percentage of computer use. An overall percentage distribution estimate was made for multi-computer installations. The percentage figures reported above are probably accurate within five percent.

4. Trends in Total Expenditures

Data from the two inventories provide fairly good estimates of total expenditures for nine consecutive fiscal years (FY '63 through FY '71). The following method was used to obtain the fiscal year estimates:

a. 20% was added to reported totals as an estimate of indirect costs.

b. Initial population estimates were obtained by multiplying the reported totals by N_I/n_I, I=1,2, where N_1=number of institutions to which forms were mailed for the 1966-67 inventory and n_1=the number of institutions responding to the 1966-67 inventory (N_1/n_1=1.25), N_2=number of institutions to which forms were sent for the 1969-70 inventory and n_2=number of institutions which responded to the 1969-70 inventory (N_2/n_2=1.33).

c. Estimates for 1966-67 and 1969-70 had already been obtained by more accurate methods (221 million and 472 million, respectively). As expected the estimates for these years which were obtained in (b) were

too high. The percentage of overestimate was computed, 8% and 15½% respectively, and the percent of overestimate was assumed to decrease by 2½% from FY'71 to FY '68 and by 1% from FY '68 to FY '63. The final estimates are shown in Table III-2.

More appropriate (statistically) estimates can be obtained by applying the method outlined in Chapter I. However it is doubtful that the final results would differ by more than one or two percent and the calculations required would be quite tedious. As a check point we have the following independent comparisons:

a. From the 1964-65 sample survey an estimate of $103 million was obtained for FY '65 as compared to the $104 million obtained above.

b. FY '68 was included in both inventories. The above method applied to the data from the 1966-67 inventory produced an estimate of 274 million as compared to 260 million from the 1969-70 inventory. Since the data for the 1966-67 inventory was collected near the end of FY '68 the 274 million figure was assumed to be the most accurate.

Using estimated total expenditures for FY '63 through FY '68 (1966-67 inventory) and fitting to several different models (by least squares, modified for non-linear cases) the best fit was obtained by the exponential model ($Y=Ae^{BX}$). However, using all nine estimates the best fit is now obtained for the linear model ($Y=A+BX$). Figure III-12 shows the estimates and the best fitting line $Y=-56.0+59.6X$ extended through FY '80.

Table III-2
Estimated Total Expenditures for Computing in U.S. Higher Education for Fiscal Years '63 through '80

Source	Fiscal Year	Reported Totals (Thousands)	N/n	Estimate (Millions)
1966-67 Inventory	'63	35,613	1.25	51
	'64	51,846	1.25	74
	'65	73,813	1.25	104
	'66	102,399	1.25	144
	'67	158,860	1.25	221
	'68	199,047	1.25	274
1969-70 Inventory	'69	243,329	1.33	344
	'70	341,613	1.33	472
	'71	365,201	1.33	494
Least Squares St. Line $Y=-56+59.6X$ ($R^2=.962$)	'72	-	-	540
	'73	-	-	600
	'74	-	-	659
	'75	-	-	719
	'76	-	-	778
	'77	-	-	838
	'78	-	-	898
	'79	-	-	957
	'80	-	-	1017

Figure III-10

Reported Amounts of Support for Computing Activities
By Source and Number of Installations Supported
1969-70
(2103 Institutions Reporting)

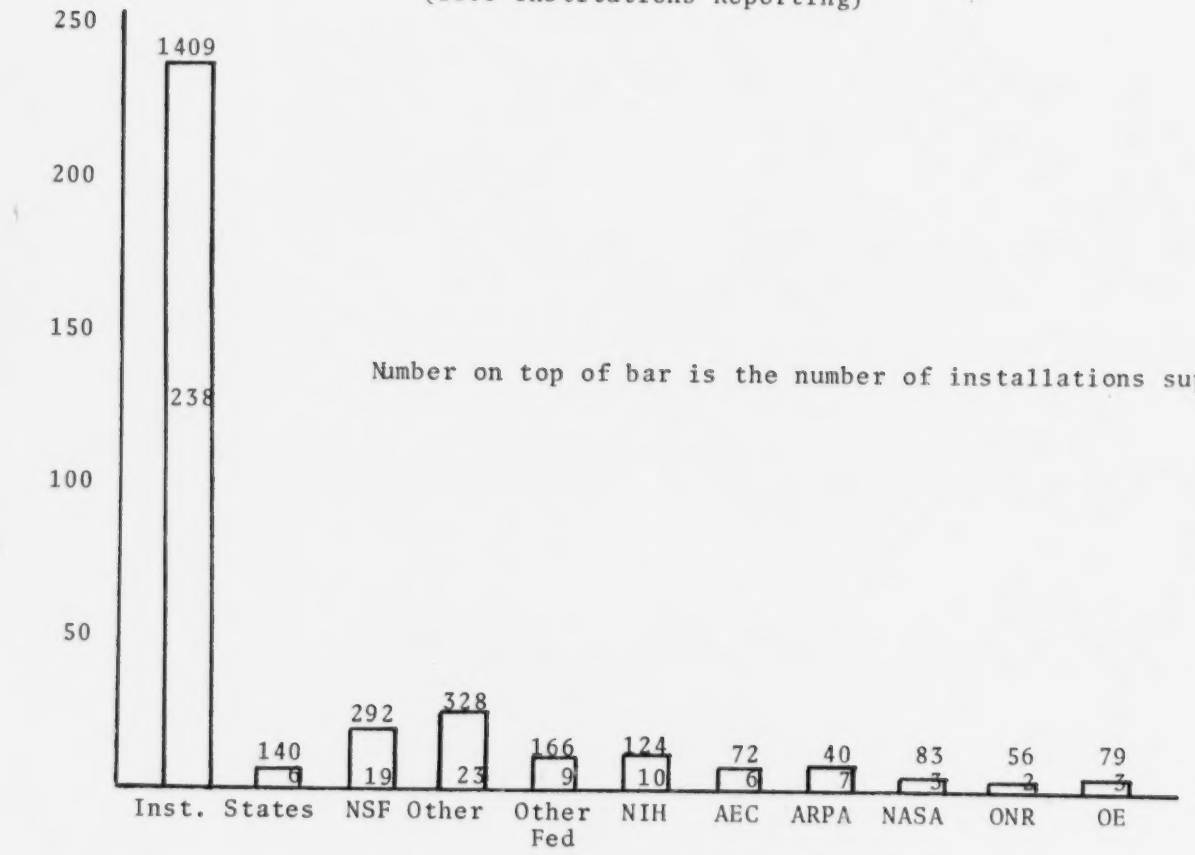


Figure III-11

Estimated Distribution of Expenditures for Instruction,
Research and Administrative Uses of Computers in U.S. Higher Education
1969-70

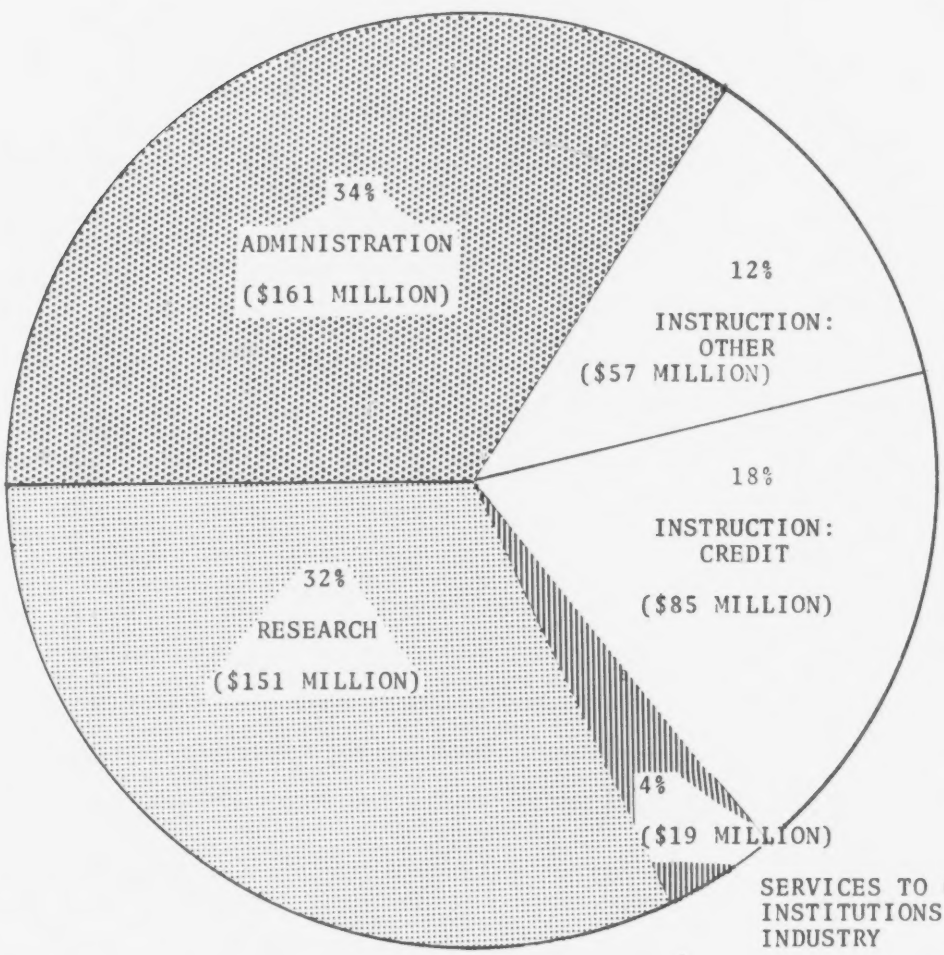
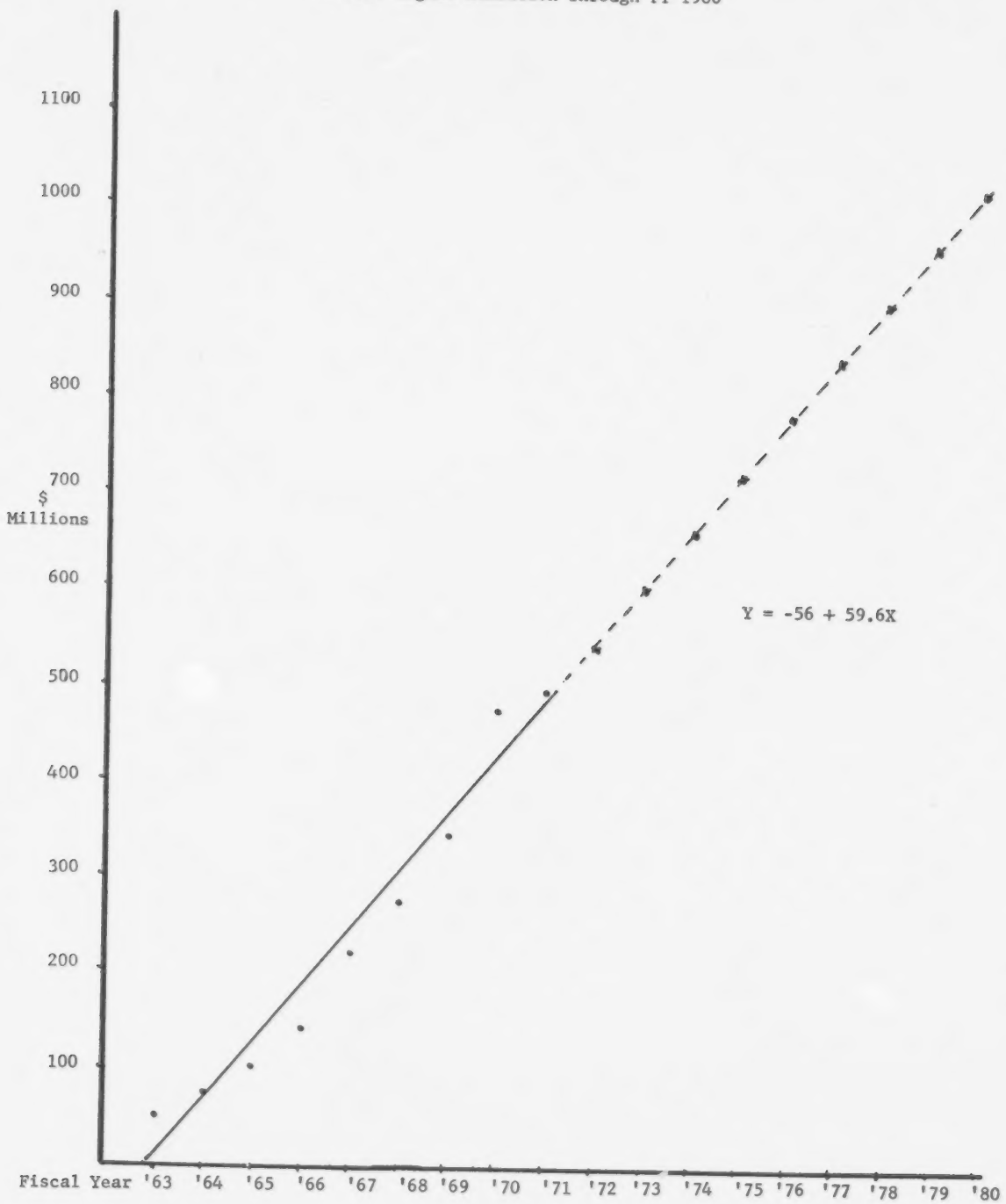


Figure III-12
Estimated Total Expenditures for Computing
in U.S. Higher Education Through FY 1980



IV Computer Installations by Type of Usage and Title of Officer to Whom Head of Installation Reports

1. Type of Usage

Thirteen hundred twenty six institutions reported 1673 administratively independent installations. Thirteen hundred eight (1308) of these installations had some kind of computer. For each computer in each installation the proportion (in tenths) of the total utilization was reported for research, instruction, administration and other. The installations with computers were separated into six groups as follows:

1. All computers in the installation were used for instruction only.
2. All computers in the installation were used for research only.
3. All computers in the installation were used for administration only. (ADM ONLY)
4. At least one computer was used for both research and instruction but none for administration (NO ADM, or RES/INSTR)
5. At least one computer was used for research and/or instruction and administration (ADM/RES/INSTR, or MIXED)
6. NO CLASSIF (Usually machines not yet installed or at least not long enough for usage to be reported).

Figure IV-1 shows the distribution of the types of installations according to the six categories above and by public and private institutions.

2. Title of Officer to Whom Head Reports by Type of Usage of Center

The title of the position to which the head of each installation reported was also given and coded. The coding was done on the basis of the following titles:

0. Not applicable (new computer)
1. Head, institution or campus (president, chancellor, etc.)
2. Head of computer facilities
3. Chief academic officer
4. Dean, engineering or technology
5. Dean, other
6. Research head
7. Department head (Academic)
8. Chief business officer
9. Other business officer
10. Other
11. Unknown

Figure IV-2 shows the number of computer center heads reporting to each of seven types of officers by three different types of centers separated by "Public and Private" Control. The types of centers are as follows:

1. No administrative uses (NO ADM) on any computer in the installation.
2. Administrative use as well as research and instruction (ALL) on at least one computer in the installation.
3. Administrative uses only (ADM ONLY) on all computers in the installation.

Figure IV-1

Computer Installations by Type of Usage
and Type of Control
1308 Installations Reported
June 30, 1970

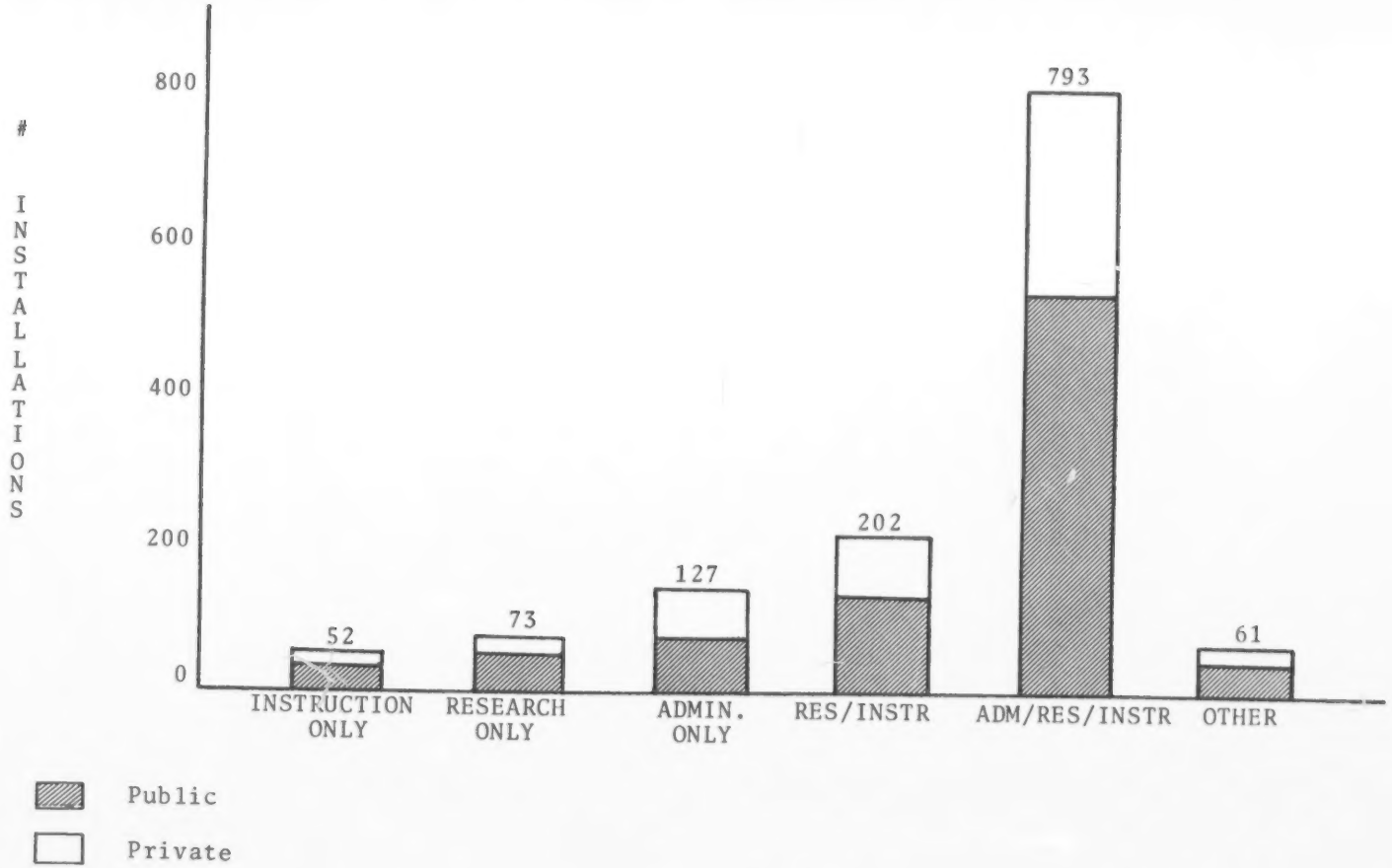
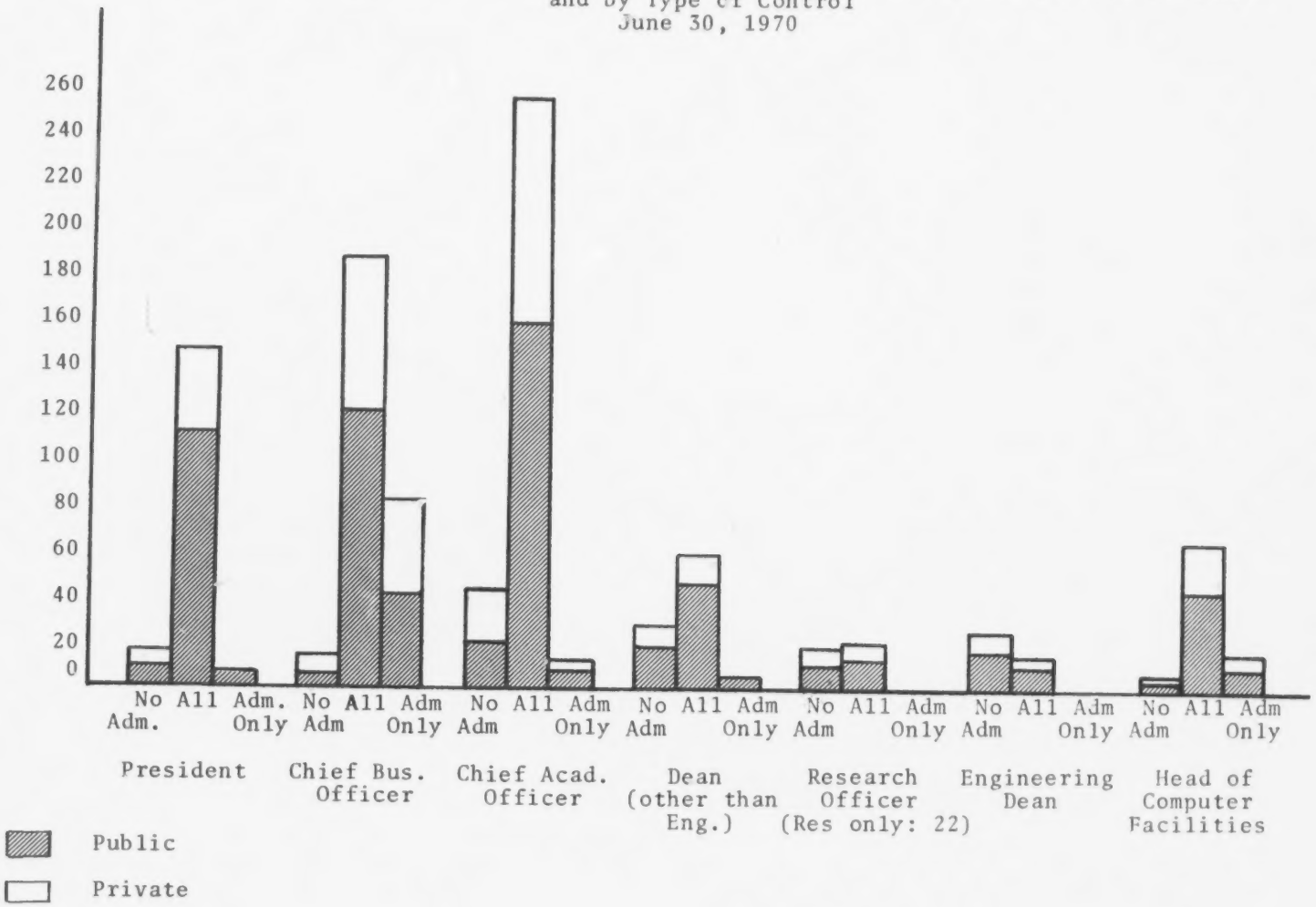


Figure IV-2

Title of Officer to Whom Head of Computer Installation Reports by Type of Usage and by Type of Control
June 30, 1970



Summaries for the groupings based upon the three characteristics (control: public and private; highest level of offering: associate, bachelor's, master's, doctorate; Enrollment: under 2,500, 2500-10,000, over 10,000) follow on pages IV-5 through IV-14. Table IV-1 below gives the numbers of installations with computers for each type of usage and each major grouping of institutions.

Table IV-1

Number of Installations with Computers by Classes of Institutions and Type of Usage

Class of Institutions	Type of Usage				
	INSTR. ONLY	RES. ONLY	ADMIN. ONLY	RES. & INSTR.	RES. ADMIN. & INSTR.
ALL	52	73	127	202	793
PUBLIC	37	51	73	124	522
PRIVATE	15	22	54	78	271
PUBLIC, ASSOCIATE	23	0	7	5	217
PUBLIC, BACHELOR'S	2	1	5	2	38
PUBLIC, MASTER'S	4	0	12	13	136
PUBLIC, DOCTORATE	8	50	49	104	131
PRIVATE, ASSOCIATE	1	0	0	1	13
PRIVATE, BACHELOR'S	10	2	11	8	108
PRIVATE, MASTER'S	3	2	13	12	87
PRIVATE, DOCTORATE	1	18	30	57	63
ASSOCIATE	24	0	7	6	230
BACHELOR'S	12	3	16	10	146
MASTER'S	7	2	25	25	223
DOCTORATE	9	68	79	161	194
PUBLIC, BELOW 2,500	12	2	11	10	178
PUBLIC, 2,500-10,000	13	10	21	34	238
PUBLIC, OVER 10,000	12	39	41	80	106
PRIVATE, BELOW 2,500	13	4	22	22	169
PRIVATE, 2,500-10,000	2	6	21	34	80
PRIVATE, OVER 10,000	0	12	11	22	22
BELOW 2,500	25	6	33	32	347
2,500-10,000	15	16	42	68	318
OVER 10,000	12	51	52	102	128

TITLE OF OFFICE TO WHOM HEAD OF INSTALLATION REPORTS BY TYPE OF USAGE

GROUP (PUBLIC , ASSOCIATE, BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 149

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	6	0	1	7	14
01	HEAD, INSTITUTION OR CAMPUS	2	1	36	0	2	4	45
02	HEAD OF COMPUTER FACILITIES	0	0	4	0	0	0	4
03	CHIEF ACADEMIC OFFICER	1	0	23	0	2	1	27
04	DEAN, ENGINEERING OR TECH	0	0	0	0	1	1	2
05	DEAN, OTHER	0	0	23	0	2	1	26
06	RESEARCH HEAD	0	0	2	0	0	0	2
07	DEPARTMENT HEAD	1	0	3	0	1	2	7
08	CHIEF BUSINESS OFFICER	0	1	17	0	0	0	18
09	OTHER BUSINESS OFFICER	0	0	2	0	0	0	2
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	4	2	116	0	9	16	149

GROUP (PUBLIC , ASSOCIATE, 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 101

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	1	5	0	1	0	6
01	HEAD, INSTITUTION OR CAMPUS	0	1	25	0	0	0	26
02	HEAD OF COMPUTER FACILITIES	0	1	3	0	0	0	4
03	CHIEF ACADEMIC OFFICER	0	0	19	0	3	0	22
04	DEAN, ENGINEERING OR TECH	0	0	0	0	0	0	0
05	DEAN, OTHER	0	1	9	0	1	0	11
06	RESEARCH HEAD	0	0	1	0	0	0	1
07	DEPARTMENT HEAD	0	0	1	0	3	0	4
08	CHIEF BUSINESS OFFICER	0	0	27	0	0	0	27
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	0	3	90	0	8	0	101

GROUP (PUBLIC , ASSOCIATE, OVER 10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 19

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	1	0	0	0	1
01	HEAD, INSTITUTION OR CAMPUS	0	1	0	0	0	0	1
02	HEAD OF COMPUTER FACILITIES	0	0	1	0	0	0	1
03	CHIEF ACADEMIC OFFICER	1	0	2	0	4	0	7
04	DEAN, ENGINEERING OR TECH	0	0	0	0	0	0	0
05	DEAN, OTHER	0	1	0	0	2	0	3
06	RESEARCH HEAD	0	0	0	0	0	1	1
07	DEPARTMENT HEAD	0	0	0	0	0	0	0
08	CHIEF BUSINESS OFFICER	0	0	5	0	0	0	5
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	1	2	9	0	6	1	19

GROUP (PUBLIC , ASSOCIATE,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 269

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	12	0	2	7	21
01	HEAD, INSTITUTION OR CAMPUS	2	3	61	0	2	4	72
02	HEAD OF COMPUTER FACILITIES	0	1	10	0	0	0	11
03	CHIEF ACADEMIC OFFICER	2	0	44	0	9	1	56
04	DEAN, ENGINEERING OR TECH	0	0	0	0	1	1	2
05	DEAN, OTHER	0	2	32	0	5	1	40
06	RESEARCH HEAD	0	0	3	0	0	1	4
07	DEPARTMENT HEAD	1	0	4	0	4	2	11
08	CHIEF BUSINESS OFFICER	0	1	49	0	0	0	50
09	OTHER BUSINESS OFFICER	0	0	2	0	0	0	2
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	5	7	217	0	23	17	269

GROUP (PUBLIC , BACHELORS, BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 38

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	1	0	0	0	0	1	2
01	HEAD, INSTITUTION OR CAMPUS	0	0	3	0	1	0	4
02	HEAD OF COMPUTER FACILITIES	0	0	3	0	0	0	3
03	CHIEF ACADEMIC OFFICER	0	0	14	1	0	1	16
04	DEAN, ENGINEERING OR TECH	0	0	1	0	0	1	2
05	DEAN, OTHER	0	0	0	0	0	0	0
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	1	0	1	0	0	0	2
08	CHIEF BUSINESS OFFICER	0	4	3	0	0	2	9
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	2	4	25	1	1	5	38

GROUP (PUBLIC , BACHELORS, 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 16

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	2	0	0	1	3
01	HEAD, INSTITUTION OR CAMPUS	0	0	3	0	0	0	3
02	HEAD OF COMPUTER FACILITIES	0	1	0	0	1	0	2
03	CHIEF ACADEMIC OFFICER	0	0	4	0	0	0	4
04	DEAN, ENGINEERING OR TECH	0	0	0	0	0	0	0
05	DEAN, OTHER	0	0	1	0	0	0	1
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	0	0	0	0	0	0	0
08	CHIEF BUSINESS OFFICER	0	0	3	0	0	0	3
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	0	1	13	0	1	1	16

TITLE OF OFFICE TO WHOM HEAD OF INSTALLATION REPORTS BY TYPE OF USAGE

GROUP (PUBLIC , BACHELORS) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 54

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	1	0	2	0	0	2	5
01	HEAD, INSTITUTION OR CAMPUS	0	0	6	0	1	0	7
02	HEAD OF COMPUTER FACILITIES	0	1	3	0	1	0	5
03	CHIEF ACADEMIC OFFICER	0	0	10	1	0	1	20
04	DEAN, ENGINEERING OR TECH	0	0	1	0	0	1	2
05	DEAN, OTHER	0	0	1	0	0	0	1
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	1	0	1	0	0	0	2
08	CHIEF BUSINESS OFFICER	0	4	6	0	0	2	12
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	2	5	38	1	2	6	54

GROUP (PUBLIC , MASTERS , BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 26

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	3	0	0	0	3
01	HEAD, INSTITUTION OR CAMPUS	1	0	4	0	1	1	7
02	HEAD OF COMPUTER FACILITIES	0	0	0	0	0	0	0
03	CHIEF ACADEMIC OFFICER	0	0	5	0	0	0	5
04	DEAN, ENGINEERING OR TECH	0	0	2	0	0	0	2
05	DEAN, OTHER	0	0	0	0	0	0	0
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	0	0	1	0	0	0	1
08	CHIEF BUSINESS OFFICER	0	0	7	0	0	1	8
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	1	0	22	0	1	2	26

GROUP (PUBLIC , MASTERS , 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 114

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	1	3	0	0	0	4
01	HEAD, INSTITUTION OR CAMPUS	0	0	18	0	0	0	18
02	HEAD OF COMPUTER FACILITIES	0	0	11	0	1	0	12
03	CHIEF ACADEMIC OFFICER	4	1	30	0	0	2	37
04	DEAN, ENGINEERING OR TECH	1	0	0	0	0	0	1
05	DEAN, OTHER	0	1	0	0	1	1	3
06	RESEARCH HEAD	0	0	1	0	0	0	1
07	DEPARTMENT HEAD	1	1	2	0	0	0	4
08	CHIEF BUSINESS OFFICER	1	4	29	0	0	0	34
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	7	8	94	0	2	3	114

GROUP (PUBLIC , MASTERS , OVER 10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 32

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	2	0	2	0	0	0	4
01	HEAD, INSTITUTION OR CAMPUS	0	0	2	0	0	0	2
02	HEAD OF COMPUTER FACILITIES	0	0	3	0	0	0	3
03	CHIEF ACADEMIC OFFICER	0	1	5	0	0	1	7
04	DEAN, ENGINEERING OR TECH	0	0	1	0	0	0	1
05	DEAN, OTHER	1	0	0	0	0	0	1
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	1	0	0	0	1	1	3
08	CHIEF BUSINESS OFFICER	1	3	7	0	0	0	11
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	5	4	20	0	1	2	32

GROUP (PUBLIC , MASTERS ,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 172

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	2	1	8	0	0	0	11
01	HEAD, INSTITUTION OR CAMPUS	1	0	24	0	1	1	27
02	HEAD OF COMPUTER FACILITIES	0	0	14	0	1	0	15
03	CHIEF ACADEMIC OFFICER	4	2	40	0	0	3	49
04	DEAN, ENGINEERING OR TECH	1	0	3	0	0	0	4
05	DEAN, OTHER	1	1	0	0	1	1	4
06	RESEARCH HEAD	0	0	1	0	0	0	1
07	DEPARTMENT HEAD	2	1	3	0	1	1	8
08	CHIEF BUSINESS OFFICER	2	7	43	0	0	1	53
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	13	12	136	0	4	7	172

GROUP (PUBLIC , DOCTORATE, BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 24

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	0	0	0	0	0
01	HEAD, INSTITUTION OR CAMPUS	0	0	1	0	0	0	1
02	HEAD OF COMPUTER FACILITIES	0	0	0	0	0	0	0
03	CHIEF ACADEMIC OFFICER	0	1	9	0	1	0	11
04	DEAN, ENGINEERING OR TECH	0	0	1	0	0	0	1
05	DEAN, OTHER	1	1	0	0	0	0	2
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	1	0	0	1	0	0	2
08	CHIEF BUSINESS OFFICER	1	3	2	0	0	1	7
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	3	5	13	1	1	1	24

TITLE OF OFFICE TO WHOM HEAD OF INSTALLATION REPORTS BY TYPE OF USAGE

GROUP (PUBLIC , DOCTORATE, 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 94

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	1	1	3	0	0	1	6
01	HEAD, INSTITUTION OR CAMPUS	2	1	7	1	0	1	12
02	HEAD OF COMPUTER FACILITIES	0	1	3	0	0	0	4
03	CHIEF ACADEMIC OFFICER	5	0	14	1	0	1	21
04	DEAN, ENGINEERING OR TECH	8	0	0	0	1	0	9
05	DEAN, OTHER	3	0	3	2	0	0	8
06	RESEARCH HEAD	2	0	5	0	0	0	7
07	DEPARTMENT HEAD	5	0	0	6	1	1	12
08	CHIEF BUSINESS OFFICER	1	6	6	0	0	1	14
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	1	0	0	1
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	27	9	41	10	2	5	94

GROUP (PUBLIC , DOCTORATE, OVER 10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 235

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	3	1	5	5	1	1	16
01	HEAD, INSTITUTION OR CAMPUS	4	1	9	0	0	0	14
02	HEAD OF COMPUTER FACILITIES	3	6	12	0	0	0	21
03	CHIEF ACADEMIC OFFICER	8	5	19	0	1	0	33
04	DEAN, ENGINEERING OR TECH	7	0	4	3	0	0	14
05	DEAN, OTHER	13	0	8	4	2	1	28
06	RESEARCH HEAD	8	0	3	6	0	1	18
07	DEPARTMENT HEAD	24	1	3	14	1	1	46
08	CHIEF BUSINESS OFFICER	2	19	13	1	0	1	36
09	OTHER BUSINESS OFFICER	0	1	1	0	0	0	2
10	OTHER	0	1	0	6	0	0	7
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	74	35	77	39	5	5	235

GROUP (PUBLIC , DOCTORATE,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 353

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	4	2	8	5	1	2	22
01	HEAD, INSTITUTION OR CAMPUS	6	2	17	1	0	1	27
02	HEAD OF COMPUTER FACILITIES	3	7	15	0	0	0	25
03	CHIEF ACADEMIC OFFICER	13	6	42	1	2	1	65
04	DEAN, ENGINEERING OR TECH	15	0	5	3	1	0	24
05	DEAN, OTHER	17	1	11	6	2	1	38
06	RESEARCH HEAD	10	0	8	6	0	1	25
07	DEPARTMENT HEAD	32	1	3	20	2	2	60
08	CHIEF BUSINESS OFFICER	4	28	21	1	0	3	57
09	OTHER BUSINESS OFFICER	0	1	1	0	0	0	2
10	OTHER	0	1	0	7	0	0	8
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	104	49	131	50	8	11	353

GROUP (PUBLIC , BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 237

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	1	0	9	0	1	8	19
01	HEAD, INSTITUTION OR CAMPUS	3	1	46	0	4	5	57
02	HEAD OF COMPUTER FACILITIES	0	0	9	0	0	0	9
03	CHIEF ACADEMIC OFFICER	1	1	51	1	3	2	59
04	DEAN, ENGINEERING OR TECH	0	0	4	0	1	2	7
05	DEAN, OTHER	1	1	23	0	2	1	28
06	RESEARCH HEAD	0	0	2	0	0	0	2
07	DEPARTMENT HEAD	3	0	5	1	1	3	13
08	CHIEF BUSINESS OFFICER	1	8	29	0	0	4	42
09	OTHER BUSINESS OFFICER	0	0	2	0	0	0	2
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	10	11	178	2	12	24	237

GROUP (PUBLIC , 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 325

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	1	2	13	0	1	2	19
01	HEAD, INSTITUTION OR CAMPUS	2	2	53	1	0	1	59
02	HEAD OF COMPUTER FACILITIES	0	3	17	0	2	0	22
03	CHIEF ACADEMIC OFFICER	9	1	47	1	3	3	64
04	DEAN, ENGINEERING OR TECH	9	0	0	0	1	0	10
05	DEAN, OTHER	3	2	13	2	2	1	23
06	RESEARCH HEAD	2	0	7	0	0	0	9
07	DEPARTMENT HEAD	6	1	3	5	4	1	20
08	CHIEF BUSINESS OFFICER	2	10	45	0	0	1	78
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	1	0	0	1
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	34	21	238	10	13	9	325

GROUP (PUBLIC , OVER 10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 286

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	5	1	8	5	1	1	21
01	HEAD, INSTITUTION OR CAMPUS	4	2	11	0	0	0	17
02	HEAD OF COMPUTER FACILITIES	3	6	16	0	0	0	25
03	CHIEF ACADEMIC OFFICER	9	6	26	0	5	1	47
04	DEAN, ENGINEERING OR TECH	7	0	5	3	0	0	15
05	DEAN, OTHER	14	1	8	4	4	1	32
06	RESEARCH HEAD	6	0	3	6	0	2	19
07	DEPARTMENT HEAD	27	1	3	14	2	2	49
08	CHIEF BUSINESS OFFICER	3	22	25	1	0	1	53
09	OTHER BUSINESS OFFICER	0	1	1	0	0	0	2
10	OTHER	0	1	0	6	0	0	7
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	80	41	106	39	12	8	286

TITLE OF OFFICE TO WHOM HEAD OF INSTALLATION REPORTS BY TYPE OF USAGE

GROUP (PUBLIC , ,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 848

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	7	3	30	5	3	11	59
01	HEAD, INSTITUTION OR CAMPUS	9	5	108	1	4	6	133
02	HEAD OF COMPUTER FACILITIES	3	9	42	0	2	0	56
03	CHIEF ACADEMIC OFFICER	19	8	144	3	11	6	190
04	DEAN, ENGINEERING OR TECH	14	0	9	3	2	2	32
05	DEAN, OTHER	18	4	44	6	8	3	83
06	RESEARCH HEAD	10	0	12	6	0	2	30
07	DEPARTMENT HEAD	34	2	11	20	7	5	81
08	CHIEF BUSINESS OFFICER	6	40	119	1	0	6	172
09	OTHER BUSINESS OFFICER	0	1	3	0	0	0	4
10	OTHER	0	1	0	7	0	0	8
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	124	73	522	51	37	41	848

GROUP (PRIVATE, ASSOCIATE, BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 14

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	1	0	0	0	1
01	HEAD, INSTITUTION OR CAMPUS	0	0	2	0	1	0	3
02	HEAD OF COMPUTER FACILITIES	0	0	0	0	0	0	0
03	CHIEF ACADEMIC OFFICER	1	0	6	0	0	0	7
04	DEAN, ENGINEERING OR TECH	0	0	1	0	0	0	1
05	DEAN, OTHER	0	0	0	0	0	0	0
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	0	0	1	0	0	0	1
08	CHIEF BUSINESS OFFICER	0	0	1	0	0	0	1
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	1	0	12	0	1	0	14

GROUP (PRIVATE, ASSOCIATE, 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 1

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	0	0	0	0	0
01	HEAD, INSTITUTION OR CAMPUS	0	0	0	0	0	0	0
02	HEAD OF COMPUTER FACILITIES	0	0	0	0	0	0	0
03	CHIEF ACADEMIC OFFICER	0	0	1	0	0	0	1
04	DEAN, ENGINEERING OR TECH	0	0	0	0	0	0	0
05	DEAN, OTHER	0	0	0	0	0	0	0
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	0	0	0	0	0	0	0
08	CHIEF BUSINESS OFFICER	0	0	0	0	0	0	0
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	0	0	1	0	0	0	1

GROUP (PRIVATE, ASSOCIATE,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 15

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	1	0	0	0	1
01	HEAD, INSTITUTION OR CAMPUS	0	0	2	0	1	0	3
02	HEAD OF COMPUTER FACILITIES	0	0	0	0	0	0	0
03	CHIEF ACADEMIC OFFICER	1	0	7	0	0	0	8
04	DEAN, ENGINEERING OR TECH	0	0	1	0	0	0	1
05	DEAN, OTHER	0	0	0	0	0	0	0
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	0	0	1	0	0	0	1
08	CHIEF BUSINESS OFFICER	0	0	1	0	0	0	1
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	1	0	13	0	1	0	15

GROUP (PRIVATE, BACHELORS, BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 132

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	1	8	0	0	1	10
01	HEAD, INSTITUTION OR CAMPUS	1	1	12	1	1	1	17
02	HEAD OF COMPUTER FACILITIES	0	0	7	0	2	2	11
03	CHIEF ACADEMIC OFFICER	3	1	46	0	2	2	54
04	DEAN, ENGINEERING OR TECH	0	0	2	0	0	0	2
05	DEAN, OTHER	0	0	2	0	2	1	5
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	1	0	2	0	2	1	6
08	CHIEF BUSINESS OFFICER	2	5	19	1	0	0	27
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	7	8	98	2	9	8	132

GROUP (PRIVATE, BACHELORS, 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 17

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	1	0	1	0	2
01	HEAD, INSTITUTION OR CAMPUS	0	0	4	0	0	0	4
02	HEAD OF COMPUTER FACILITIES	0	1	1	0	0	0	2
03	CHIEF ACADEMIC OFFICER	1	0	2	0	0	0	3
04	DEAN, ENGINEERING OR TECH	0	0	0	0	0	0	0
05	DEAN, OTHER	0	0	0	0	0	0	0
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	0	0	0	0	0	0	0
08	CHIEF BUSINESS OFFICER	0	2	2	0	0	2	4
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	1	3	10	0	1	2	17

TITLE OF OFFICE TO WHOM HEAD OF INSTALLATION REPORTS BY TYPE OF USAGE

GROUP (PRIVATE, BACHELORS,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 149

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	1	9	0	1	1	12
01	HEAD, INSTITUTION OR CAMPUS	1	1	16	1	1	1	21
02	HEAD OF COMPUTER FACILITIES	0	1	8	0	2	2	13
03	CHIEF ACADEMIC OFFICER	4	1	48	0	2	2	57
04	DEAN, ENGINEERING OR TECH	0	0	2	0	0	0	2
05	DEAN, OTHER	0	0	2	0	2	1	5
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	1	0	2	0	2	1	6
08	CHIEF BUSINESS OFFICER	2	7	21	1	0	2	33
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	8	11	108	2	10	10	149

GROUP (PRIVATE, MASTERS , BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 71

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	2	2	0	0	2	6
01	HEAD, INSTITUTION OR CAMPUS	2	0	10	1	0	0	13
02	HEAD OF COMPUTER FACILITIES	0	0	5	0	0	0	5
03	CHIEF ACADEMIC OFFICER	2	0	17	0	2	1	22
04	DEAN, ENGINEERING OR TECH	0	0	0	0	0	0	0
05	DEAN, OTHER	1	0	0	0	0	0	1
06	RESEARCH HEAD	0	0	1	0	0	0	1
07	DEPARTMENT HEAD	0	0	0	0	0	1	1
08	CHIEF BUSINESS OFFICER	1	7	12	1	0	0	21
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	1	0	0	0	0	1
	GROUP TOTAL BY USAGE	6	10	47	2	2	4	71

GROUP (PRIVATE, MASTERS , 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 49

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	0	0	0	0	0
01	HEAD, INSTITUTION OR CAMPUS	0	0	3	0	0	0	3
02	HEAD OF COMPUTER FACILITIES	0	1	0	0	0	0	1
03	CHIEF ACADEMIC OFFICER	3	0	13	0	0	0	16
04	DEAN, ENGINEERING OR TECH	1	0	0	0	0	0	1
05	DEAN, OTHER	1	0	1	0	0	0	2
06	RESEARCH HEAD	0	0	1	0	0	0	1
07	DEPARTMENT HEAD	0	0	2	0	0	0	2
08	CHIEF BUSINESS OFFICER	0	2	19	0	1	1	23
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	5	3	39	0	1	1	49

GROUP (PRIVATE, MASTERS , OVER 10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 2

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	0	0	0	0	0
01	HEAD, INSTITUTION OR CAMPUS	0	0	0	0	0	0	0
02	HEAD OF COMPUTER FACILITIES	0	0	0	0	0	0	0
03	CHIEF ACADEMIC OFFICER	0	0	1	0	0	0	1
04	DEAN, ENGINEERING OR TECH	0	0	0	0	0	0	0
05	DEAN, OTHER	0	0	0	0	0	0	0
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	0	0	0	0	0	0	0
08	CHIEF BUSINESS OFFICER	1	0	0	0	0	0	1
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	1	0	1	0	0	0	2

GROUP (PRIVATE, MASTERS ,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 122

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	2	2	0	0	2	6
01	HEAD, INSTITUTION OR CAMPUS	2	0	13	1	0	0	16
02	HEAD OF COMPUTER FACILITIES	0	1	5	0	0	0	6
03	CHIEF ACADEMIC OFFICER	5	0	31	0	2	1	39
04	DEAN, ENGINEERING OR TECH	1	0	0	0	0	0	1
05	DEAN, OTHER	2	0	1	0	0	0	3
06	RESEARCH HEAD	0	0	2	0	0	0	2
07	DEPARTMENT HEAD	0	0	2	0	0	1	3
08	CHIEF BUSINESS OFFICER	2	9	31	1	1	1	45
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	1	0	0	0	0	1
	GROUP TOTAL BY USAGE	12	13	87	2	3	5	122

GROUP (PRIVATE, DOCTORATE, BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 27

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	2	0	0	0	0	0	2
01	HEAD, INSTITUTION OR CAMPUS	1	0	0	0	0	1	2
02	HEAD OF COMPUTER FACILITIES	0	0	1	0	0	0	1
03	CHIEF ACADEMIC OFFICER	2	0	6	0	0	1	9
04	DEAN, ENGINEERING OR TECH	1	0	0	0	0	0	1
05	DEAN, OTHER	0	0	1	0	0	0	1
06	RESEARCH HEAD	0	0	0	0	1	0	1
07	DEPARTMENT HEAD	0	0	0	0	0	0	0
08	CHIEF BUSINESS OFFICER	2	4	4	0	0	0	10
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	8	4	12	0	1	2	27

TITLE OF OFFICE TO WHOM HEAD OF INSTALLATION REPORTS BY TYPE OF USAGE

GROUP (PRIVATE, DOCTORATE, 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 81

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	2	0	1	1	0	0	4
01	HEAD, INSTITUTION OR CAMPUS	1	0	3	0	0	1	5
02	HEAD OF COMPUTER FACILITIES	1	4	2	0	0	1	8
03	CHIEF ACADEMIC OFFICER	8	1	12	0	0	0	21
04	DEAN, ENGINEERING OR TECH	1	0	2	1	0	0	4
05	DEAN, OTHER	3	0	4	0	0	0	7
06	RESEARCH HEAD	2	0	2	1	0	0	5
07	DEPARTMENT HEAD	9	0	0	3	0	0	12
08	CHIEF BUSINESS OFFICER	1	10	3	0	0	0	14
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	1	0	0	0	1
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	28	15	30	6	0	2	81

GROUP (PRIVATE, DOCTORATE, OVER 10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 66

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	1	1	0	2	0	0	4
01	HEAD, INSTITUTION OR CAMPUS	0	0	2	0	0	0	2
02	HEAD OF COMPUTER FACILITIES	1	0	4	1	0	0	6
03	CHIEF ACADEMIC OFFICER	2	1	4	0	0	0	7
04	DEAN, ENGINEERING OR TECH	3	0	0	0	0	0	3
05	DEAN, OTHER	3	0	4	2	0	0	9
06	RESEARCH HEAD	4	0	2	0	0	0	6
07	DEPARTMENT HEAD	5	0	0	7	0	1	13
08	CHIEF BUSINESS OFFICER	1	9	5	0	0	0	15
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	1	0	0	0	0	0	1
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	21	11	21	12	0	1	66

GROUP (PRIVATE, DOCTORATE,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 174

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	5	1	1	3	0	0	10
01	HEAD, INSTITUTION OR CAMPUS	2	0	5	0	0	2	9
02	HEAD OF COMPUTER FACILITIES	2	4	7	1	0	1	15
03	CHIEF ACADEMIC OFFICER	12	2	22	0	0	1	37
04	DEAN, ENGINEERING OR TECH	5	0	0	1	0	0	8
05	DEAN, OTHER	6	0	9	2	0	0	17
06	RESEARCH HEAD	6	0	4	1	1	0	12
07	DEPARTMENT HEAD	14	0	0	10	0	1	25
08	CHIEF BUSINESS OFFICER	4	23	12	0	0	0	39
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	1	0	1	0	0	0	2
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	57	30	63	18	1	5	174

GROUP (PRIVATE, , BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 244

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	2	3	11	0	0	3	19
01	HEAD, INSTITUTION OR CAMPUS	4	1	24	2	2	2	35
02	HEAD OF COMPUTER FACILITIES	0	0	13	0	2	2	17
03	CHIEF ACADEMIC OFFICER	8	1	75	0	4	4	92
04	DEAN, ENGINEERING OR TECH	1	0	3	0	0	0	4
05	DEAN, OTHER	1	0	3	0	2	1	7
06	RESEARCH HEAD	0	0	1	0	1	0	2
07	DEPARTMENT HEAD	1	0	3	0	2	2	8
08	CHIEF BUSINESS OFFICER	5	16	36	2	0	0	59
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	1	0	0	0	0	1
	GROUP TOTAL BY USAGE	22	22	169	4	13	14	244

GROUP (PRIVATE, , 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 148

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	2	0	2	1	1	0	6
01	HEAD, INSTITUTION OR CAMPUS	1	0	10	0	0	1	12
02	HEAD OF COMPUTER FACILITIES	1	6	3	0	0	1	11
03	CHIEF ACADEMIC OFFICER	12	1	28	0	0	0	41
04	DEAN, ENGINEERING OR TECH	2	0	2	1	0	0	5
05	DEAN, OTHER	4	0	5	0	0	0	9
06	RESEARCH HEAD	2	0	3	1	0	0	6
07	DEPARTMENT HEAD	9	0	2	3	0	0	14
08	CHIEF BUSINESS OFFICER	1	14	24	0	1	3	43
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	1	0	0	0	1
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	34	21	80	6	2	5	148

GROUP (PRIVATE, , OVER 10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 68

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	1	1	0	2	0	0	4
01	HEAD, INSTITUTION OR CAMPUS	0	0	2	0	0	0	2
02	HEAD OF COMPUTER FACILITIES	1	0	4	1	0	0	6
03	CHIEF ACADEMIC OFFICER	2	1	5	0	0	0	8
04	DEAN, ENGINEERING OR TECH	3	0	0	0	0	0	3
05	DEAN, OTHER	3	0	4	2	0	0	9
06	RESEARCH HEAD	4	0	2	0	0	0	6
07	DEPARTMENT HEAD	5	0	0	7	0	1	13
08	CHIEF BUSINESS OFFICER	2	9	5	0	0	0	16
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	1	0	0	0	0	0	1
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	22	11	22	12	0	1	68

TITLE OF OFFICE TO WHOM HEAD OF INSTALLATION REPORTS BY TYPE OF USAGE

GROUP (PRIVATE, ,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 460

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	5	4	13	3	1	3	29
01	HEAD, INSTITUTION OR CAMPUS	5	1	36	2	2	3	49
02	HEAD OF COMPUTER FACILITIES	2	4	20	1	2	3	34
03	CHIEF ACADEMIC OFFICER	22	3	108	0	4	4	141
04	DEAN, ENGINEERING OR TECH	4	0	5	1	0	0	12
05	DEAN, OTHER	8	0	12	2	2	1	25
06	RESEARCH HEAD	4	0	4	1	1	0	14
07	DEPARTMENT HEAD	15	0	5	10	2	3	35
08	CHIEF BUSINESS OFFICER	8	39	63	2	1	3	116
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	1	0	1	0	0	0	2
11	UNKNOWN	0	1	0	0	0	0	1
	GROUP TOTAL BY USAGE	78	54	271	22	15	20	460

GROUP (, ASSOCIATE, BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 163

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	7	0	1	7	15
01	HEAD, INSTITUTION OR CAMPUS	2	1	38	0	3	0	46
02	HEAD OF COMPUTER FACILITIES	0	0	6	0	0	0	6
03	CHIEF ACADEMIC OFFICER	2	0	29	0	2	1	34
04	DEAN, ENGINEERING OR TECH	0	0	1	0	1	1	3
05	DEAN, OTHER	0	0	23	0	2	1	26
06	RESEARCH HEAD	0	0	2	0	0	0	2
07	DEPARTMENT HEAD	1	0	4	0	1	2	8
08	CHIEF BUSINESS OFFICER	0	1	18	0	0	0	19
09	OTHER BUSINESS OFFICER	0	0	2	0	0	0	2
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	5	2	130	0	10	14	163

GROUP (, ASSOCIATE, 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 102

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	3	0	1	0	4
01	HEAD, INSTITUTION OR CAMPUS	0	1	25	0	0	0	26
02	HEAD OF COMPUTER FACILITIES	0	1	3	0	0	0	4
03	CHIEF ACADEMIC OFFICER	0	0	20	0	3	0	23
04	DEAN, ENGINEERING OR TECH	0	0	0	0	0	0	0
05	DEAN, OTHER	0	1	9	0	1	0	11
06	RESEARCH HEAD	0	0	1	0	0	0	1
07	DEPARTMENT HEAD	0	0	1	0	3	0	4
08	CHIEF BUSINESS OFFICER	0	0	27	0	0	0	27
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	0	3	91	0	8	0	102

GROUP (, ASSOCIATE, OVER 10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 19

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	1	0	0	0	1
01	HEAD, INSTITUTION OR CAMPUS	0	1	0	0	0	0	1
02	HEAD OF COMPUTER FACILITIES	0	0	1	0	0	0	1
03	CHIEF ACADEMIC OFFICER	1	0	2	0	4	0	7
04	DEAN, ENGINEERING OR TECH	0	0	0	0	0	0	0
05	DEAN, OTHER	0	1	0	0	2	0	3
06	RESEARCH HEAD	0	0	0	0	0	1	1
07	DEPARTMENT HEAD	0	0	0	0	0	0	0
08	CHIEF BUSINESS OFFICER	0	0	5	0	0	0	5
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	1	2	9	0	6	1	19

GROUP (, ASSOCIATE,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 284

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	13	0	2	7	22
01	HEAD, INSTITUTION OR CAMPUS	2	3	63	0	3	4	75
02	HEAD OF COMPUTER FACILITIES	0	1	10	0	0	0	11
03	CHIEF ACADEMIC OFFICER	3	0	51	0	9	1	64
04	DEAN, ENGINEERING OR TECH	0	0	1	0	1	1	3
05	DEAN, OTHER	0	3	32	0	5	1	40
06	RESEARCH HEAD	0	0	3	0	0	1	4
07	DEPARTMENT HEAD	1	0	5	0	4	2	12
08	CHIEF BUSINESS OFFICER	0	1	50	0	0	0	51
09	OTHER BUSINESS OFFICER	0	0	2	0	0	0	2
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	6	7	230	0	24	17	284

GROUP (, BACHELORS, BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 170

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	1	1	8	0	0	2	12
01	HEAD, INSTITUTION OR CAMPUS	1	1	15	1	2	1	21
02	HEAD OF COMPUTER FACILITIES	0	0	10	0	3	2	14
03	CHIEF ACADEMIC OFFICER	3	1	60	1	2	3	70
04	DEAN, ENGINEERING OR TECH	0	0	3	0	0	1	4
05	DEAN, OTHER	0	0	2	0	2	1	5
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	2	0	3	0	2	1	8
08	CHIEF BUSINESS OFFICER	2	9	22	1	0	2	36
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	9	12	123	3	10	13	170

TITLE OF OFFICE TO WHOM HEAD OF INSTALLATION REPORTS BY TYPE OF USAGE

GROUP (, BACHELORS, 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 33

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	0	3	0	1	1	5
01	HEAD, INSTITUTION OR CAMPUS	0	0	7	0	0	0	7
02	HEAD OF COMPUTER FACILITIES	0	2	1	0	1	0	4
03	CHIEF ACADEMIC OFFICER	1	0	6	0	0	0	7
04	DEAN, ENGINEERING OR TECH	0	0	0	0	0	0	0
05	DEAN, OTHER	0	0	1	0	0	0	1
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	0	0	0	0	0	0	0
08	CHIEF BUSINESS OFFICER	0	2	5	0	0	2	9
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	1	4	23	0	2	3	33

GROUP (, BACHELORS,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 203

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	1	1	11	0	1	3	17
01	HEAD, INSTITUTION OR CAMPUS	1	1	22	1	2	1	28
02	HEAD OF COMPUTER FACILITIES	0	2	11	0	3	2	18
03	CHIEF ACADEMIC OFFICER	4	1	68	1	2	3	77
04	DEAN, ENGINEERING OR TECH	0	0	3	0	0	1	4
05	DEAN, OTHER	0	0	3	0	2	1	6
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	2	0	3	0	2	1	8
08	CHIEF BUSINESS OFFICER	2	11	27	1	0	4	45
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	10	16	148	3	12	16	203

GROUP (, MASTERS , BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 97

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	2	5	0	0	2	9
01	HEAD, INSTITUTION OR CAMPUS	3	0	14	1	1	1	20
02	HEAD OF COMPUTER FACILITIES	0	0	5	0	0	0	5
03	CHIEF ACADEMIC OFFICER	2	0	22	0	2	1	27
04	DEAN, ENGINEERING OR TECH	0	0	2	0	0	0	2
05	DEAN, OTHER	1	0	0	0	0	0	1
06	RESEARCH HEAD	0	0	1	0	0	0	1
07	DEPARTMENT HEAD	0	0	1	0	0	1	2
08	CHIEF BUSINESS OFFICER	1	7	19	1	0	1	29
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	1	0	0	0	0	1
	GROUP TOTAL BY USAGE	7	10	69	2	3	4	97

GROUP (, MASTERS , 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 163

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	0	1	3	0	0	0	4
01	HEAD, INSTITUTION OR CAMPUS	0	0	21	0	0	0	21
02	HEAD OF COMPUTER FACILITIES	0	1	11	0	1	0	13
03	CHIEF ACADEMIC OFFICER	7	1	43	0	0	2	53
04	DEAN, ENGINEERING OR TECH	2	0	0	0	0	0	2
05	DEAN, OTHER	1	1	1	0	1	1	5
06	RESEARCH HEAD	0	0	2	0	0	0	2
07	DEPARTMENT HEAD	1	1	4	0	0	0	6
08	CHIEF BUSINESS OFFICER	1	6	48	0	1	1	57
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	12	11	133	0	3	4	163

GROUP (, MASTERS , OVER 10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 34

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	2	0	2	0	0	0	4
01	HEAD, INSTITUTION OR CAMPUS	0	0	2	0	0	0	2
02	HEAD OF COMPUTER FACILITIES	0	0	3	0	0	0	3
03	CHIEF ACADEMIC OFFICER	0	1	6	0	0	1	8
04	DEAN, ENGINEERING OR TECH	0	0	1	0	0	0	1
05	DEAN, OTHER	1	0	0	0	0	0	1
06	RESEARCH HEAD	0	0	0	0	0	0	0
07	DEPARTMENT HEAD	1	0	0	0	1	1	3
08	CHIEF BUSINESS OFFICER	2	3	7	0	0	0	12
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	6	4	21	0	1	2	34

GROUP (, MASTERS ,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 294

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	3	3	10	0	0	2	17
01	HEAD, INSTITUTION OR CAMPUS	3	0	37	1	1	1	43
02	HEAD OF COMPUTER FACILITIES	0	1	19	0	1	0	21
03	CHIEF ACADEMIC OFFICER	9	2	71	0	2	4	88
04	DEAN, ENGINEERING OR TECH	2	0	3	0	0	0	5
05	DEAN, OTHER	3	1	1	0	1	1	7
06	RESEARCH HEAD	0	0	3	0	0	0	3
07	DEPARTMENT HEAD	2	1	5	0	1	2	11
08	CHIEF BUSINESS OFFICER	4	18	74	1	1	2	98
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	1	0	0	0	0	1
	GROUP TOTAL BY USAGE	25	25	223	2	7	12	294

TITLE OF OFFICE TO WHOM HEAD OF INSTALLATION REPORTS BY TYPE OF USAGE

GROUP (, DOCTORATE, BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 51

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	2	0	0	0	0	0	2
01	HEAD, INSTITUTION OR CAMPUS	1	0	1	0	0	1	3
02	HEAD OF COMPUTER FACILITIES	0	0	1	0	0	0	1
03	CHIEF ACADEMIC OFFICER	2	1	15	0	1	1	20
04	DEAN, ENGINEERING OR TECH	1	0	1	0	0	0	2
05	DEAN, OTHER	1	1	1	0	0	0	3
06	RESEARCH HEAD	0	0	0	0	1	0	1
07	DEPARTMENT HEAD	1	0	0	1	0	0	2
08	CHIEF BUSINESS OFFICER	3	7	6	0	0	1	17
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	11	9	25	1	2	3	51

GROUP (, DOCTORATE, 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 175

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	3	1	4	1	0	1	10
01	HEAD, INSTITUTION OR CAMPUS	3	1	10	1	0	2	17
02	HEAD OF COMPUTER FACILITIES	1	5	5	0	0	1	12
03	CHIEF ACADEMIC OFFICER	13	1	26	1	0	1	42
04	DEAN, ENGINEERING OR TECH	9	0	2	1	1	0	13
05	DEAN, OTHER	6	0	7	2	0	0	15
06	RESEARCH HEAD	4	0	7	1	0	0	12
07	DEPARTMENT HEAD	14	0	0	8	1	1	24
08	CHIEF BUSINESS OFFICER	2	16	9	0	0	1	28
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	1	1	0	0	2
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	55	24	71	16	2	7	175

GROUP (, DOCTORATE, OVER 10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 301

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	4	2	5	7	1	1	20
01	HEAD, INSTITUTION OR CAMPUS	4	1	11	0	0	0	16
02	HEAD OF COMPUTER FACILITIES	4	6	16	1	0	0	27
03	CHIEF ACADEMIC OFFICER	10	6	23	0	1	0	40
04	DEAN, ENGINEERING OR TECH	10	0	4	3	0	0	17
05	DEAN, OTHER	16	0	12	6	2	1	37
06	RESEARCH HEAD	12	0	5	4	0	1	24
07	DEPARTMENT HEAD	31	1	3	21	1	2	59
08	CHIEF BUSINESS OFFICER	3	28	18	1	0	1	51
09	OTHER BUSINESS OFFICER	0	1	1	0	0	0	2
10	OTHER	1	1	0	4	0	0	6
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	95	46	98	51	5	6	301

GROUP (, DOCTORATE,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 527

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	9	3	9	8	1	2	32
01	HEAD, INSTITUTION OR CAMPUS	8	2	22	1	0	3	36
02	HEAD OF COMPUTER FACILITIES	5	11	22	1	0	1	40
03	CHIEF ACADEMIC OFFICER	25	8	64	1	2	2	102
04	DEAN, ENGINEERING OR TECH	20	0	7	4	1	0	32
05	DEAN, OTHER	23	1	20	8	2	1	55
06	RESEARCH HEAD	16	0	12	7	1	1	37
07	DEPARTMENT HEAD	46	1	3	38	2	3	85
08	CHIEF BUSINESS OFFICER	8	51	33	1	0	3	96
09	OTHER BUSINESS OFFICER	0	1	1	0	0	0	2
10	OTHER	1	1	1	7	0	0	10
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	161	79	194	68	9	16	527

GROUP (, , BELOW 2500) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 481

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	3	3	20	0	1	11	38
01	HEAD, INSTITUTION OR CAMPUS	7	2	48	2	6	7	92
02	HEAD OF COMPUTER FACILITIES	0	0	22	0	2	2	26
03	CHIEF ACADEMIC OFFICER	9	2	126	1	7	6	151
04	DEAN, ENGINEERING OR TECH	1	0	7	0	1	2	11
05	DEAN, OTHER	2	1	24	0	4	2	35
06	RESEARCH HEAD	0	0	3	0	1	0	4
07	DEPARTMENT HEAD	4	0	8	1	3	4	20
08	CHIEF BUSINESS OFFICER	6	24	65	2	0	4	101
09	OTHER BUSINESS OFFICER	0	0	2	0	0	0	2
10	OTHER	0	0	0	0	0	0	0
11	UNKNOWN	0	1	0	0	0	0	1
	GROUP TOTAL BY USAGE	32	33	347	6	25	38	481

GROUP (, , 2500-10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 473

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	3	2	15	1	2	2	25
01	HEAD, INSTITUTION OR CAMPUS	3	2	63	1	0	2	71
02	HEAD OF COMPUTER FACILITIES	1	9	20	0	2	1	33
03	CHIEF ACADEMIC OFFICER	21	2	95	1	3	3	125
04	DEAN, ENGINEERING OR TECH	11	0	2	1	1	0	15
05	DEAN, OTHER	7	2	18	2	2	1	32
06	RESEARCH HEAD	4	0	10	1	0	0	15
07	DEPARTMENT HEAD	15	1	5	8	4	1	34
08	CHIEF BUSINESS OFFICER	3	24	89	0	1	4	121
09	OTHER BUSINESS OFFICER	0	0	0	0	0	0	0
10	OTHER	0	0	1	1	0	0	2
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	68	42	318	16	15	14	473

TITLE OF OFFICE TO WHOM HEAD OF INSTALLATION REPORTS BY TYPE OF USAGE

GROUP (, , OVER 10000) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 354

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	6	2	8	7	1	1	25
01	HEAD, INSTITUTION OR CAMPUS	4	2	13	0	0	0	19
02	HEAD OF COMPUTER FACILITIES	4	6	20	1	0	0	31
03	CHIEF ACADEMIC OFFICER	11	7	31	0	5	1	55
04	DEAN, ENGINEERING OR TECH	10	0	5	3	0	0	18
05	DEAN, OTHER	17	1	12	6	4	1	41
06	RESEARCH HEAD	12	0	5	6	0	2	25
07	DEPARTMENT HEAD	32	1	3	21	2	3	62
08	CHIEF BUSINESS OFFICER	5	31	30	1	0	1	68
09	OTHER BUSINESS OFFICER	0	1	1	0	0	0	2
10	OTHER	1	1	0	4	0	0	6
11	UNKNOWN	0	0	0	0	0	0	0
	GROUP TOTAL BY USAGE	102	52	128	51	12	9	354

GROUP (, ,) TOTAL INSTALLATIONS IN GROUP WITH COMPUTER(S) 1308

CODE	TITLE	NO ADM	ADM ONLY	MIXED	RESEARCH ONLY	INSTR ONLY	NO CLASSIF.	TOTAL BY TITLE
00	NOT APPLICABLE	12	7	43	8	4	14	88
01	HEAD, INSTITUTION OR CAMPUS	14	6	144	3	4	9	182
02	HEAD OF COMPUTER FACILITIES	5	15	62	1	4	3	90
03	CHIEF ACADEMIC OFFICER	41	11	252	2	15	10	331
04	DEAN, ENGINEERING OR TECH	22	0	14	4	2	2	44
05	DEAN, OTHER	28	4	56	8	10	4	108
06	RESEARCH HEAD	16	0	18	7	1	2	44
07	DEPARTMENT HEAD	51	2	16	30	9	8	116
08	CHIEF BUSINESS OFFICER	14	79	184	3	1	9	290
09	OTHER BUSINESS OFFICER	0	1	3	0	0	0	4
10	OTHER	1	1	1	7	0	0	10
11	UNKNOWN	0	1	0	0	0	0	1
	GROUP TOTAL BY USAGE	202	127	793	73	52	61	1308

V. COMPUTER SCIENCES AND RELATED DEGREE PROGRAMS

1. Introduction

FORM 3 of the data collection instrument (see Appendix) was devoted to "Computer Science courses and/or Degree Programs." A complete set of summaries were produced for the degree programs (line 03 of FORM 3) and are presented in Section IX. Summaries for courses by general descriptors which were provided to the respondents appear in Section X.

2. Types of Degree Programs Reported

Table V-1 presents the number of degree programs reported at each of the four levels, associate, bachelor's, master's and doctorate, for each degree program name and totals. The estimated population totals are those obtained from Table V-2.

3. Summary of Programs by Level

Tables V-2, V-3, V-4, V-5 present estimates of the numbers of degree programs which were being offered in U.S. colleges and universities during 1971-72 by elementary groups and the classes of the stratification variables.

Table V-6 provides a comparison with the population estimates of going programs during 1964-1965, 1966-67, and 1971-72.

Table V-6
Estimates of Numbers of Degree Programs in
Computer Science, Data Processing, Information Sciences, etc.

Source	Year	Assoc.	Bach.	Mast.	Doct.	Total
SREB SURVEY	1964-65	83	44	61	38	226
SREB INVENTORY	1966-67	192	83	87	52	414
SREB INVENTORY	1971-72	464	239	159	94	956

4. Numbers of Majors and Degrees Awarded, 1966-67, 1969-70 and 1970-71.

The number of majors, undergraduate and graduate combined, and the number of degrees awarded during 1966-67, 1969-70 and 1970-71 are reported in Table V-7.

Figure V-1 shows the trends in the numbers of degrees awarded at the four levels and the author's projections of these trends. By academic year 1974-75 the institutions of higher education will be producing about 500 Doctorates, 3500 Master's, 8000 Bachelor's, and 10,000 Associate degrees.

Estimates for each heading are also given. These estimates were obtained by applying an overall extrapolation ratio of 1.34 to the reported totals. These are probably a little high for the higher degree levels but the estimates are likely to be within 10 percent of the true values.

Table V-8 shows the estimated total numbers of majors in computer sciences, data processing, etc. for the years 1964-65, 1966-67 and 1969-70.

TABLE V-1

Reported Degree Programs in Computer Science, Data Processing, Information Science, etc. for Academic Years 1966-67, 1969-70, 1970-71, and 1971-72

Program Name	Associate				Bachelor's				Master's				Doctorate			
	66-67	69-70	70-71	71-72	66-67	69-70	70-71	71-72	66-67	69-70	70-71	71-72	66-67	69-70	70-71	71-72
Data Processing: Total	122	204	217	219	15	21	25	26	5	6	5	5	1	1	2	1
In Departments of:																
Data Processing		136	143	143	11	5	6	6	4	1	1	1	1	0	0	0
Business Administration	0	34	36	38	1	11	12	13	1	2	1	1	0	0	0	0
Business		17	20	20		2	2	2		2	2	2		0	1	1
Computer Science		3	3	3		1	1	1		0	0	0		0	0	0
Miscellaneous (seven)[1]	0	14	15	15	3	2	4	4	0	1	1	1	0	1	1	0
Computer Science: Total	8	33	37	42	50	90	113	133	58	76	86	102	35	50	54	59
In Departments of:																
Computer Science	7	20	23	27	30	40	52	66	35	37	39	49	22	24	25	28
Mathematics	0	0	0	0	7	19	23	26	4	8	8	9	4	3	3	3
Electrical Engineering	0	0	0	0	8	8	10	11	9	12	13	14	6	9	10	10
Computer and Information Science		1	1	1		1	3	3		3	3	3		2	2	2
Information and Computer Science		0	0	0		2	2	2		1	1	2		2	2	3
Management Science	0	2	2	3	0	6	7	8	3	0	1	2	1	0	0	0
Industrial Engineering	0	0	0	0	3	2	2	2	3	4	4	4	0	2	3	3
Miscellaneous (fourteen)	1	10	11	11	2	12	14	15	4	11	17	19	2	8	9	10
Computer Programming: Total	4	38	40	41	0	6	7	7	0	0	0	0	0	1	1	1
In Departments of:																
Data Processing		22	24	24		1	1	1		0	0	0		0	0	0
Computer Programming		5	5	5		0	0	0		0	0	0		0	0	0
Miscellaneous (eight)		11	11	12		5	6	6		0	0	0		1	1	1

[1] ( ) Refer to 69-70, 70-71, 71-72

TABLE V-1 (Continued)

Program Name	Associate				Bachelor's				Master's				Doctorate			
	66-67	69-70	70-71	71-72	66-67	69-70	70-71	71-72	66-67	69-70	70-71	71-72	66-67	59-70	70-71	71-72
Computer Technology: Total	8	21	22	22	1	9	9	9	0	3	4	3	0	2	2	2
In Departments of:																
Computer Technology		12	13	13	1	2	2	2		0	0	0		0	0	0
Miscellaneous (eight) [1]		9	9	9		7	7	7		3	4	3		2	2	2
Information Systems: Total	0	5	6	7	3	7	9	10	2	5	6	6	1	3	4	4
In Departments of:																
Miscellaneous (nine)		5	6	7		7	9	10	2	5	6	6		3	4	4
Information Science: Total	0	0	0	0	2	3	6	5	9	7	10	10	8	6	6	6
In Departments of:																
Miscellaneous (six)		0	0	0		3	6	5	9	7	10	10		6	6	6
Systems Engineering: Total	0	0	0	0	1	7	7	8	1	12	12	12	1	7	8	7
In Departments of:																
Systems Engineering		0	0	0	1	3	3	3	1	3	3	3	1	0	0	0
Electrical Engineering		0	0	0		2	2	3		3	3	3		3	3	3
Engineering		0	0	0		1	1	1		5	5	5		3	4	3
Industrial Engineering		0	0	0		1	1	1		1	1	1		1	1	1
Miscellaneous (seven): Total		1	1	1		5	6	8	1	5	6	6		3	5	5
In Departments of:																
Miscellaneous (ten)		1	1	1		5	6	8	1	5	6	6		3	5	5
TOTAL REPORTED	142	302	323	332	72	148	182	206	78	116	137	142	46	73	82	85
Estimated Population Totals	192			464	83			239	87			159	52			94

[1] ( ) Refer to 69-70, 70-71, 71-72

Table V-2
Estimates of Numbers of Degree Programs in
Computer Science, Data Processing, Information Science, etc.
by Type of Control, Highest Level of Offering and Enrollment Class
1971-72

Control. Level and 1968 Enrollment Class	Total No. Institutions	Associate	Bachelor's	Master's	Doctorate
Public Associate Below 500	190	30			
500 -- 2,499	398	188			
2,500 -- 9,999	168	146			
10,000 --19,999	28	29			
20,000 and above	2	4			
Public Bachelor's Below 500	13	0	0		
500 -- 2,499	78	4	8		
2,500 -- 9,999	26	3	3		
10,000 --19,999	0	---	---		
20,000 and above	0	---	---		
Public Master's Below 500	7	0	0	0	
500 -- 2,499	46	2	8	1	
2,500 -- 9,999	145	10	37	8	
10,000 --19,999	24	0	10	1	
20,000 and above	4	0	2	1	
Public Doctorate Below 500	9	0	0	0	0
500 -- 2,499	24	0	4	4	1
2,500 -- 9,999	51	6	27	18	10
10,000 --19,999	61	2	36	40	19
20,000 and above	32	4	25	36	30
Private Associate Below 500	174	3			
500 -- 2,499	84	9	2		
2,500 -- 9,999	5	0			
10,000 --19,999	0	---			
20,000 and above	0	---			
Private Bachelor's Below 500	240	3	0		
500 -- 2,499	487	7	22		
2,500 -- 9,999	21	4	5		
10,000 --19,999	0	---	---		
20,000 and above	0	---	---		
Private Master's Below 500	93	0	0	0	
500 -- 2,499	171	0	5	2	
2,500 -- 9,999	61	8	11	3	
10,000 --19,999	2	0	0	0	
20,000 and above	0	---	---	---	
Private Doctorate Below 500	50	0	0	0	0
500 -- 2,499	34	0	4	4	1
2,500 -- 9,999	55	0	17	21	16
10,000 --19,999	20	1	8	13	12
20,000 and above	4	1	5	7	5

Table V-3
Estimates of Numbers of Degree Programs in
Computer Science, Data Processing, Information Science, etc.
by Enrollment Class
1971-72

Fall 1968 Enrollment Class	Total # Inst's.	Fall '68 Enrollment (Millions)	# Degree Programs Assoc.	Bach.	Mast.	Doct.
Below 500	776	.2	36	0	0	0
500-2,499	1,322	1.5	210	53	11	2
2,500-9,999	532	2.7	177	100	50	26
10,000-19,999	135	1.9	32	54	54	31
20,000 and above	42	1.2.	9	32	44	35
Total	2,807	7.5	464	239	159	94

Table V-4
Estimates of Numbers of Degree Programs in
Computer Science, Data Processing, Information Science, etc.
by Highest Level of Offering
1971-72

Highest Level of Offering	Total # Inst's.	Fall '68 Enrollment (Millions)	# Degree Programs Assoc.	Bach.	Mast.	Doct.
Associate	1,049	1.9	409	2	-	-
Bachelor's	865	.8	21	38	-	-
Master's	553	1.8	20	73	16	-
Doctorate	340	3.0	14	126	143	94
Total	2,807	7.5	464	239	159	94

Table V-5
Estimates of Numbers of Degree Programs in
Computer Science, Data Processing, Information Science, etc.
by Type of Control
1971-72

Type of Control	Total # Inst's.	Fall '68 Enrollment (Millions)	# Degree Programs Assoc.	Bach.	Mast.	Doct.
Public	1,306	5.4	428	160	109	60
Private	1,501	2.1	36	79	50	34
Total	2,807	7.5	464	239	159	94

TABLE V-7
Reported Majors Enrolled for 1966-67 and 1969-70 and Degrees Awarded For 1966-67, 1969-70, and 1970-71

Program Name	UNDERGRADUATE								GRADUATE							
	No. Majors		Degrees Awarded						No. Majors		Degrees Awarded					
			Associate			Bachelor's					Master's			Doctorate		
	66-67	69-70	66-67	69-70	70-71	66-67	69-70	70-71	66-67	69-70	66-67	69-70	70-71	66-67	69-70	70-71
Data Processing	12815	27712	872	3285	3971	74	286	395	317	159	63	9	19	1	0	2
Computer Science	3187	10909	62	259	435	355	976	1537	2926	4725	446	892	1249	133	187	198
Computer Programming	281	4786	78	688	819	0	12	32	0	63	0	0	0	0	0	0
Computer Technology	496	2791	13	218	295	20	60	88	0	53	0	4	9	0	2	2
Information Systems	737	1198	0	66	94	19	91	133	31	241	6	24	43	0	1	6
Information Science	100	546	0	0	0	0	28	78	627	240	64	34	66	3	11	13
Systems Engineering	113	893	0	0	0	7	143	149	48	402	15	85	98	2	10	14
Miscellaneous (seven)		356		0	0		52	107		925		28	60		18	20
Total	17729	49191	1025	4516	5614	475	1648	2519	3949	6808	594	1076	1544	139	229	255
Estimated Population Totals[1]	22161	65916	1281	6051	7523	594	2208	3375	4936	9123	742	1442	2069	174	307	342

[1] Reported Totals x (Number Institutions in Population)/(Number Institutions Responding)

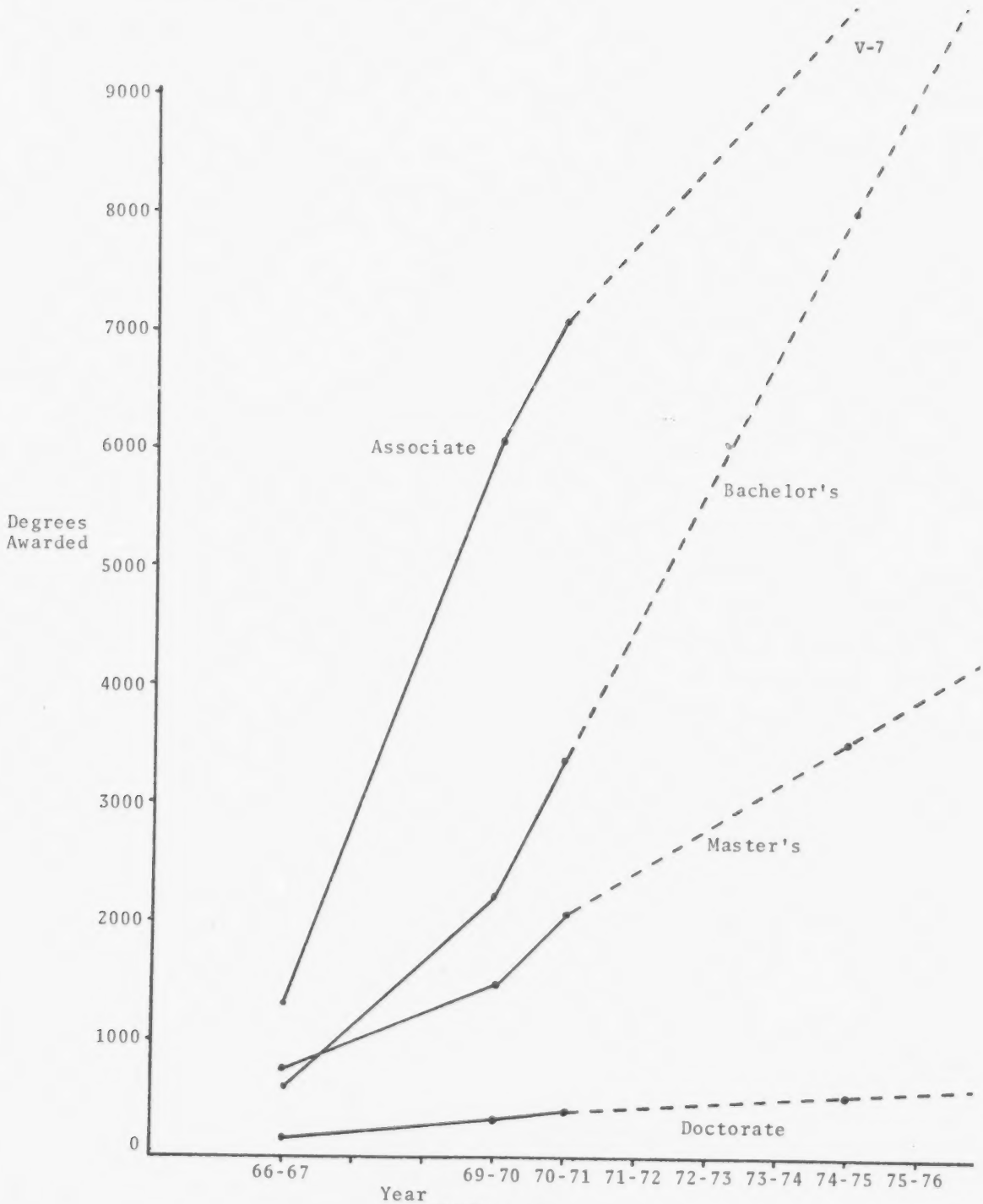


FIGURE V-1
Degrees Awarded in Computer Sciences,
Data Processing, Information Sciences, etc.
(Estimates)

Table V-8
Estimated Numbers of Majors in Computer Sciences
Data Processing, Information Sciences, Etc.

Source	Year	Majors	
		Undergraduate	Graduate
SREB Survey	1964-65	4,338	1,314
SREB Inventory	1966-67	22,161	4,936
SREB Inventory	1969-70	65,916	9,123

5. Institutions Offering Degree Programs and Staff Utilized

Institutions which reported having a degree program going at least by 1971-72 in computer sciences, data processing, etc. are listed on pages V-16 through V-26. The institutions are listed by highest level of offering (associate), etc. through (doctorate).

Table V-9 contains the numbers of faculty reported in all departments offering degree programs in data processing, computer science, etc. Population estimates which may be a little on the high side are also given.

Table V-9
Reported Faculty and Other Staff in All Departments Offering
Degree Programs, 1969-70

	Total Staff		Doctorates				
	No. People	No. FTE	FACULTY		OTHER STAFF		No. Joint Appointments
			Comp. Sci.	Other	Comp. Sci.	Other	
Data Processing	1405	857	3	20	1	12	100
Computer Science	2942	1761	282	547	39	44	410
Computer Programming	272	181	15	0	0	1	32
Computer Technology	180	129	7	14	0	5	11
Information Systems	169	110	6	36	0	10	9
Information Sciences	276	212	9	53	1	23	20
Systems Engineering	117	64	8	55	0	4	16
Miscellaneous (seven)	263	155	17	63	0	4	34
Total	5624	3469	347	788	41	103	632
Estimated Population Total *	7480	4614	462	1048	55	137	841

* Reported Numbers x 1.33

6. An Assessment of Quality of Degree Programs

Based upon information reported by the colleges for 1969-70, quality was lacking in hardware and/or course offerings in 47 percent of the 302 reported associate degree programs. Hardware was judged adequate in 220 programs, 202 had adequate courses and 160 associate degree programs had both adequate hardware and courses. Forty-two (42) had marginal hardware, 55 had marginal course offerings and eight were marginal in both hardware and courses. Forty (40) were judged to have inadequate hardware, 45 inadequate courses and nine to have been inadequate on both counts (see Table V-10). Two hundred and four (204) of the 302 associate degree programs reported were called "data processing" and most of these were in the two-year institutions.

Table V-10
Quality of Hardware and Course Offerings
for Associate Degree Programs
1969-70

QUALITY LEVEL	NO. OF PROGRAMS		
	HARDWARE	COURSES	BOTH
ADEQUATE	220	202	160
MARGINAL	42	55	8
INADEQUATE	40	45	9
TOTAL	302	302	

This assessment was a subjective one but the author feels that it was lenient. For example, during 1966-67 an associate degree program in data processing was considered inadequate if the hardware available was an IBM 1620 without a line printer or if no programming was taught. For 1969-70 the computer was expected to have auxilliary storage (disk and/or tape) and COBOL was expected for an adequate program in data processing.

At the bachelor's level some improvement in quality of programs was observed. The hardware judged adequate to support a bachelor's degree program in Computer Science should be complex enough to require that it be run under an operating system. This is no longer a sufficient criterion, e.g. a minimal IBM 1130 was not considered adequate. Coursewise the programs were expected to be offering the first six to eight courses recommended in "Curriculum '68" to be considered adequate. Even though the numbers of programs increased five-fold the percentage of programs considered adequate increased from 44% (1966-67 Inventory) to 54% (see Table V-11). The author attributes both the growth and improvement in quality to the "Curriculum '68" publication and the efforts of the Curriculum Committee on Computer Science of the ACM with support from the National Science Foundation.

Table V-11
Quality of Hardware and Course Offerings
for Bachelor's Degree Program
1969-70

QUALITY LEVEL	NO. OF PROGRAMS		
	HARDWARE	COURSES	BOTH
ADEQUATE	108	101	83
MARGINAL	11	23	6
INADEQUATE	35	30	14
TOTAL	154	154	

Seventy one (71) or 46% of the bachelor's programs either did not have adequate hardware or did not have adequate course offerings.

7. Computer Languages Satisfy Ph. D. Requirements

Proficiency in two foreign languages has long been part of the Ph. D. degree requirements. The principal justification of the foreign language study has been to provide the doctoral candidate with additional research tools. For many years certain academic areas have permitted the substitution of study in statistics for one language and in recent years many departments have concluded that knowledge of a computer language is equally important as a research tool and have provided for the study of a computer language in lieu of one foreign language. The institutions were asked to report the number of departments in each academic area listed on FORM 2 which "permit the use of computer courses or a proficiency in a computer language such as FORTRAN or COBOL to meet one of the language or research tool requirements for the Ph. D. degree." The total numbers of departments reported are given in Table V-12 by academic area. A total of 143 departments were reported as having this proviso in 1967. For 1969-70 this number had increased to 470.

8. Computer Services Supplied for Courses

Figure V-2 shows the number of courses, number of students enrolled in these courses and the dollar value of computer services which were supplied to these courses. The amounts are reported figures, not population estimates, and are obtained from the reports of 1331 installations in 1057 institutions. Since all classes of institutions are represented in these data, caution should be exerted in their interpretation. For a given group of institutions similar charts can be constructed from the data given in Section VIII. This type of instructional use accounted for approximately 40 percent of the total expenditures reported in FORM 2 for Instructional and Research use. More probing analyses can be accomplished from the summaries presented in Section VIII. When the totals reported on FORM 2 are compared with the amounts obtained using the percentages from Figure III-11 it appears that only about 60% of such costs were reported by the reporting institutions. Each item in the summary for FORM 2 should be increased by an amount equal to 2/3 of the

summary figure. There are several reasons why this happened.

1. The installation did not keep records of use by the categories used on FORM 2.

2. The installation did not report a FORM 2.

3. The rates for charges were too low to recoup full expenditures (especially capital expenditures).

The quantities in Figure V-2 are of primary interest in their relation to each other rather than absolutes. There is no reason to believe that one category or item is any more or less accurate than any other.

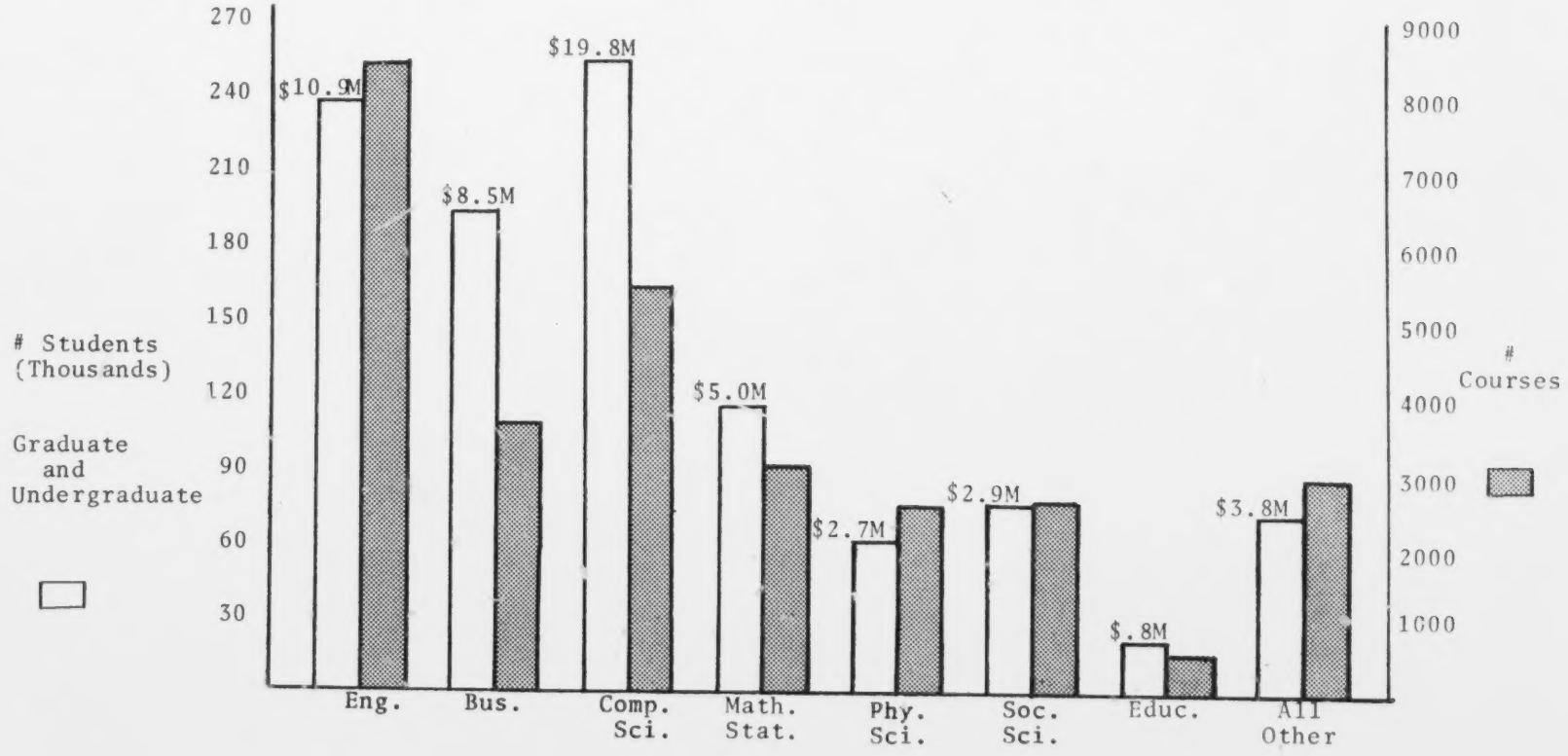
Table V-12
Number of Departments Accepting a Proficiency in a Computer Language as a Research Tool in Lieu of a Foreign Language

As of June 1970

Academic Area	1969-70
Life Sciences	79
Physical Sciences	57
Education	53
Engineering	45
Computer Science	43
Psychology	41
[illegible]siness and Commerce	38
Mathematics and Statistics	31
Social Science (Other)	26
Eco[illegible]ics	15
Environmental Sciences	15
All Other	27
Total	470

Figure V-2

No. Courses, No. of Students Enrolled in Those Courses
and Dollar Value of Computer Services Reported by 1331 Installations in
1057 Institutions
1969-70



References

"Curriculum 68," A Report of the ACM Curriculum Committee on Computer Sciences. Communications of ACM. Vol. 11, No. 3, (March, 1968), New York: Association for Computing Machinery, 151-197. (Reprints $1.00 each)

Hamblen, John W. Computers in Higher Education: Expenditures, Sources of Funds, and Utilization for Research and Instruction 1964-65, with Projections for 1968-69. Atlanta: Southern Regional Education Board, 1967, 325 pp. (NSF Supported Study). ($5.50/copy)

Hamblen, John W. Inventory of Computers in U.S. Higher Education 1966-67: Utilization and Related Degree Programs. Washington D.C.: Superintendent of Documents, U.S. Government Printing Office, 1970, NS 1.2:C 75 (Library of Congress No. 74-609402).

The degree program names and department names were coded as follows by the institutions' respondents.

Degree Program Name	Code
Computer Engineering	CEN
Computer Programming	CPR
Computer Science	CSC
Computer Technology	CTE
Data Processing	DPR
Information and Control Sciences	ICS
Information Processing	IPR
Information Science	ISC
Information Systems	ISY
Systems Analysis	SAN
Systems Engineering	SEN
Systems and Information Sciences	SIS
System Sciences	SYS
Unknown or not elsewhere classified	NEC

Department Name	Code
Business Administration	BAD
Computer and Communications Sciences	CCS
Computer and Information Science	CIS
Computer Programming	CPR
Computer Science	CSC
Computer Technology	CTE
Data Processing	DPR
Electrical Engineering	EEN
Electrical Engineering Technology	EET
Industrial Engineering	IEN
Information and Computer Science	ICS
Information Processing	IPR
Information Science	ISC
Information Systems	ISY
Mathematics	MAT
Systems Analysis	SAN
Statistics and Computer Science	SCS
Systems Engineering	SEN
Systems and Information Sciences	SIS
Systems Science	SYS
More than one of the above: Committee	COM
Other Departments in Engineering	ENG
Environmental Sciences	ENV
Life Sciences	LSC
Mathematical Sciences	MSC
Physical Sciences	PSC
Social Sciences	SSC
Education	EDU
Business, Commerce	BUS
Other Departments not elsewhere classified	NEC

GROUP (ASSOCIATE))

DEGREE PROGRAMS
(AS OF JUNE 30, 1971)

YEAR OFFERED AND DEGREE 1969-70	1970-71	1971-72	NAME OF INSTITUTION	CITY	STATE	ZIPCODE	MAJORS ENROLLED 1969-70 UNDERGRAD	GRADUATE
CPR PROGRAM IN DEPARTMENT OF BAD								
	A	A	ALAMEDA COLLEGE OF	OAKLAND	CA	94610	0	0
CPR PROGRAM IN DEPARTMENT OF BAD								
A	A	A	COOKE CO JUNIOR COLLEGE	GAINESVILLE	TX	76240	25	0
	A	A	TIDEWATER CMTY COLLEGE	PORTSMOUTH	VA	23703	41	0
CPR PROGRAM IN DEPARTMENT OF BUS								
A	A	A	ENTERPRISE ST JR COLLEGE	ENTERPRISE	AL	36330	60	0
CPR PROGRAM IN DEPARTMENT OF CPR								
A	A	A	BREVARD COMMUNITY COLLEGE	COCOA	FL	32922	125	10
A	A	A	BISMARCK JUNIOR COLLEGE	BISMARCK	ND	58501	75	0
A	A	A	ND STATE SCHOOL SCIENCE	WAHPTON	ND	58075	70	0
A	A	A	ESSEX COUNTY COLLEGE	NEWARK	NJ	07102	60	0
A	A	A	OKLA STATE U OKLA CITY	OKLAHOMA CITY	OK	73107	270	22
CPR PROGRAM IN DEPARTMENT OF CSC								
A	A	A	DIABLO VALLEY COLLEGE	PLEASANT HILL	CA	94523	100	0
A	A	A	WINGATE COLLEGE	WINGATE	NC	28174	110	0
A	A	A	NTHESTN OKLA AGRL+MECH C	WIANT	OK	74354	105	0
CPR PROGRAM IN DEPARTMENT OF CTE								
A	A	A	PRAIRIE STATE COLLEGE	CHICAGO HEIGHTS	IL	60411	152	0
		A	CLACKAMAS CMTY COLLEGE	OREGON CITY	OR	97045	30	0
CPR PROGRAM IN DEPARTMENT OF OPR								
A	A	A	OHLONE COLLEGE	FREMONT	CA	94537	250	0
A	A	A	CERRITOS COLLEGE	NORWALK	CA	90650	0	0
A	A	A	EL PASO COMMUNITY COLLEGE	COLORADO SPRINGS	CO	80903	200	0
A	A	A	MANATEE JUNIOR COLLEGE	BRADENTON	FL	33505	13	0
A	A	A	DANVILLE JUNIOR COLLEGE	DANVILLE	IL	61832	7	0
A	A	A	DUPAGE COLLEGE OF	GLEN ELLYN	IL	60137	200	0
A	A	A	PARKLAND COLLEGE	CHAMPAIGN	IL	61820	100	0
A	A	A	CARL SANDBURG COLLEGE	GALESBURG	IL	61401	22	0
A	A	A	LAKE LAND COLLEGE	MATTOON	IL	61938	105	0
A	A	A	ELGIN COMMUNITY COLLEGE	ELGIN	IL	60120	47	0
A	A	A	CHICAGO CITY C WRIGHT CAM	CHICAGO	IL	60634	500	0
A	A	A	VINCENNES UNIVERSITY	VINCENNES	IN	47591	120	0
A	A	A	KIRKWOOD COMMUNITY COLLEG	CEDAR RAPIDS	IO	52406	243	0
	A	A	RHODE ISLAND JR COLLEGE	PROVIDENCE	RI	02908	75	0
A	A	A	SPARTANBG CO TECH ED CTR	SPARTANBURG	SC	29303	31	0
A	A	A	DANVILLE CMTY COLLEGE	DANVILLE	VA	24541	150	0
	A	A	VIRGINIA WESTERN COMMUNIT	ROANOKE	VA	24015	0	0
	A	A	CHAMPLAIN COLLEGE	BURLINGTON	VT	05401	51	0
A	A	A	LOWER COLUMBIA COLLEGE	LONGVIEW	WA	98632	45	0
A	A	A	OLYMPIC COLLEGE	BREMERTON	WA	98310	100	0
A	A	A	WESTERN WIS TECH INSTITUT	LA CROSSE	WI	54601	60	12
CPR PROGRAM IN DEPARTMENT OF ENG								
A	A	A	BLACK HAWK COLLEGE	MOLINE	IL	61265	13	0
A			CENTRAL TECHNICAL INST	KANSAS CITY	MO	64108	50	0
A			ORANGE CO CMTY COLLEGE	MIDDLETOWN	NY	10940	40	0
CPR PROGRAM IN DEPARTMENT OF MAT								
A	A	A	CABRILLO COLLEGE	APTOS	CA	95003	35	0
CSC PROGRAM IN DEPARTMENT OF BAD								
A	A	A	CHGO CTY C AMNDSN-MAYFAIR	CHICAGO	IL	60630	412	0
CSC PROGRAM IN DEPARTMENT OF BUS								
	A	A	MUSKINGUM AREA TECH INST	ZANESVILLE	OH	43701	40	0
CSC PROGRAM IN DEPARTMENT OF CIS								
A	A	A	SANTA ANA COLLEGE	SANTA ANA	CA	92706	53	0
CSC PROGRAM IN DEPARTMENT OF COM								
A	A	A	MONTGOMERY C TAKOMA PARK	TAKOMA PARK	MD	20012	73	0
A	A	A	KINGSBOROUGH COMMUNITY CO	BROOKLYN	NY	11235	50	0
CSC PROGRAM IN DEPARTMENT OF CSC								
A	A	A	GADSDEN STATE JR COLLEGE	GADSDEN	AL	35903	120	0
A	A	A	PASADENA CITY COLLEGE	PASADENA	CA	91106	0	0
	A	A	DAYTONA BEACH JR COLLEGE	DAYTONA BEACH	FL	32015	0	0
A	A	A	BROOKDALE CMTY COLLEGE	LINCROFT	NJ	07738	38	0
A	A	A	OCEAN COUNTY COLLEGE	TOMS RIVER	NJ	08753	95	0
A	A	A	MIDDLESEX COUNTY COLLEGE	EDISON	NJ	08817	50	0
A	A	A	VOORHEES TECHNICAL INSTIT	NEW YORK	NY	10036	55	0
A	A	A	NASSAU COMMUNITY COLLEGE	GARDEN CITY	NY	11530	50	0
A	A	A	ONONDAGA CMTY COLLEGE	SYRACUSE	NY	13210	40	0
A	A	A	BUTLER CO CMTY COLLEGE	BUTLER	PA	16001	46	0
A	A	A	CMTY COLLEGE PHILADELPHIA	PHILADELPHIA	PA	19107	210	0
	A	A	SCRANTON CAMPUS PENN STAT	DUNMORE	PA	18512	15	0
A	A	A	COLUMBIA ST CMTY COLLEGE	COLUMBIA	TN	38401	75	0
A	A	A	CHATTANOOGA ST TECH INST	CHATTANOOGA	TN	37406	100	0
A	A	A	ALVIN JUNIOR COLLEGE	ALVIN	TX	77511	150	0
	A	A	BLINN COLLEGE	BRENHAM	TX	77833	30	0
A	A	A	BIG BEND COM COL	MOSES LAKE	WA	98837	10	0
	A	A	WEST VA U PARKERSBURG CTR	PARKERSBURG	WV	26101	0	0
A	A	A	NORTHWEST CMTY COLLEGE	POWELL	WY	82435	0	0
CSC PROGRAM IN DEPARTMENT OF CTE								
A	A	A	KANSAS TECHNICAL INST	SALINA	KS	67401	56	0
CSC PROGRAM IN DEPARTMENT OF OPR								
A	A	A	PENSACOLA JUNIOR COLLEGE	PENSACOLA	FL	32504	220	0

GROUP C ASSOCIATE)) CONTINUED DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

YEAR OFFERED AND DEGREE 1969-70	1970-71	1971-72	NAME OF INSTITUTION	CITY	STATE	ZIPCODE	MAJORS ENROLLED 1969-70 UNDERGRAD	GRADUATE
CSC PROGRAM IN DEPARTMENT OF MSC								
A	A	A	LEEWARD COMMUNITY COLLEGE	PEARL CITY	HI	96782	90	0
CSC PROGRAM IN DEPARTMENT OF NEC								
A	A	A	MONTGOMERY C ROCKVILLE	ROCKVILLE	MD	20850	250	0
A	A	A	STATEN IS CMTY COLLEGE	STATEN ISLAND	NY	10301	100	0
CTE PROGRAM IN DEPARTMENT OF BUS								
A	A	A	IMPERIAL VALLEY COLLEGE	IMPERIAL	CA	92251	6	0
CTE PROGRAM IN DEPARTMENT OF CSC								
A	A	A	TEXAS ST TECHNICAL INST	WACO	TX	76705	90	0
A	A	A	POTOMAC STATE C OF W VA U	KEYSER	WV	26726	39	0
CTE PROGRAM IN DEPARTMENT OF CTE								
A	A	A	MARICOPA COLLEGE	PHOENIX	AZ	85004	195	0
A	A	A	ABRAHAM BALDWIN AGRL C	TIFTON	GA	31794	500	0
A	A	A	MISS GULF CST JC PERMNSTN	GAUTIER	MS	39533	0	0
A	A	A	QUEENSBOROUGH COMMUNITY C	BAYSIDE	NY	11364	40	0
A	A	A	CISCO JUNIOR COLLEGE	CISCO	TX	76437	25	0
A	A	A	BRAZOSPORT JUNIOR COLLEGE	FREEPORT	TX	77541	40	0
CTE PROGRAM IN DEPARTMENT OF OPR								
A	A	A	PADUCAH COMMUNITY COLLEGE	PADUCAH	KY	42001	24	0
CTE PROGRAM IN DEPARTMENT OF MAT								
A	A	A	LOS ANG VALLEY COLLEGE	VAN NUYS	CA	91401	50	0
OPR PROGRAM IN DEPARTMENT OF MAD								
A	A	A	ARIZONA WESTERN COLLEGE	YUMA	AZ	85364	60	0
		A	COSUMNES RIVER COLLEGE	SACRAMENTO	CA	95825	0	0
A	A	A	SANTA BARBARA CTY COLLEGE	SANTA BARBARA	CA	93105	15	0
A	A	A	LOS ANG VALLEY COLLEGE	VAN NUYS	CA	91401	600	0
A	A	A	LOS ANG PIERCE COLLEGE	WOODLAND HILLS	CA	91364	31	0
A	A	A	MIDDLE GEORGIA COLLEGE	COCHRAN	GA	31014	87	0
A	A	A	HIGHLAND CMTY COLLEGE	FREEPORT	IL	61032	46	0
A	A	A	KANSAS CITY KANS CMTY JC	KANSAS CITY	KS	66101	100	0
A	A	A	BUTLER CO CMTY JR COLLEGE	ELDORADO	KS	67042	201	0
A	A	A	HANFORD JUNIOR COLLEGE	BEL AIR	MD	21014	0	0
A	A	A	LANSING COMMUNITY COLLEGE	LANSING	MI	48914	200	0
		A	MONROE CO CMTY COLLEGE	MONROE	MI	48161	10	0
		A	DURHAM TECHNICAL INST	DURHAM	NC	27703	12	0
A	A	A	CALDWELL COMM COLL	LENOIR	NC	28645	18	0
		A	QUEENSBOROUGH COMM COLLEG	BAYSIDE	NY	11364	0	0
A	A	A	ORANGE CO CMTY COLLEGE	MIDDLETOWN	NY	10940	120	0
A	A	A	DUTCHESS CMTY COLLEGE	POUGHKEEPSIE	NY	12601	40	0
		A	FULTON MONTGOMERY CC	JOHNSTOWN	NY	12095	0	0
A	A	A	CUYAHOGA CC WESTERN CAMPU	PARMA HTS	OH	44130	0	0
A	A	A	CUYAHOGA COMM COLL METO C	CLEVELAND	OH	44115	600	0
A	A	A	SINCLAIR CMTY COLLEGE	DAYTON	OH	45402	255	0
A	A	A	CENTRAL OREG CMTY COLLEGE	BEND	OR	97701	20	0
A	A	A	BLUE MTN CMTY COLLEGE	PENDLETON	OR	97801	5	0
A	A	A	CMTY COLLEGE DELAWARE CO	MEDIA	PA	19063	45	0
A	A	A	PALMER COLLEGE COLUMBIA	COLUMBIA	SC	29201	75	0
A	A	A	NAVARRO JUNIOR COLLEGE	CORSICANA	TX	75110	64	0
A	A	A	SOUTH PLAINS COLLEGE	LEVELLAND	TX	79336	95	0
A	A	A	DALLAS CO JR COLLEGE DIST	DALLAS	TX	75202	150	0
A	A	A	HILL JUNIOR COLLEGE	HILLSBORO	TX	76645	100	0
A	A	A	TARRANT CO JC NORTHEAST C	HURST	TX	76053	221	0
A	A	A	EVERETT CMTY COLLEGE	EVERETT	WA	98201	40	0
A	A	A	SPOKANE COMMUNITY COLLEGE	SPOKANE	WA	99208	95	0
		A	DIST CNF TECH INST	EAU CLAIRE	WI	54701	0	0
OPR PROGRAM IN DEPARTMENT OF BUS								
A	A	A	MERCED COLLEGE	MERCED	CA	95340	111	0
A	A	A	COMM COLLEGE DENVER	DENVER	CO	80216	350	0
	A	A	GREATER HARTFORD CC	HARTFORD	CT	06106	0	0
	A	A	SANTA FE JUNIOR COLLEGE	GAINESVILLE	FL	32601	10	0
A	A	A	OKALOOSA WALTON JUNIOR C	NICEVILLE	FL	32578	75	0
A	A	A	FLA JR COLLEGE JACKSONVL	JACKSONVILLE	FL	32218	82	2
A	A	A	EDISON JUNIOR COLLEGE	FORT MYERS	FL	33901	25	0
A	A	A		PALATINE	IL	60067	200	0
A	A	A	MCHENRY COUNTY JR COLLEGE	CRYSTAL LAKE	IL	60014	20	0
A	A	A	MORTON COLLEGE	CICERO	IL	60650	50	0
A	A	A	MT WACHUSETT CMTY COLLEGE	GARDNER	MA	01440	60	0
A	A	A	WASHTENAW CMTY COLLEGE	ANN ARBOR	MI	48107	87	0
A	A	A	SCHOOLCRAFT COLLEGE	LIVONIA	MI	48151	128	0
A	A	A	GENESEE COMMUNITY COLLEGE	FLINT	MI	48503	145	0
A	A	A	MUSKEGON CMTY COLLEGE	MUSKEGON	MI	49443	60	0
	A	A	MACOMB CO CC SOUTH CAMPUS	WARREN	MI	48093	532	0
A	A	A	WOMAN TECHNICAL INSTITUTE	SALISBURY	NC	28144	0	0
A	A	A	GUILFORD TECHNICAL INST	JAMESTOWN	NC	27282	27	0
A	A	A	STHWSTN OREG CMTY COLLEGE	COOS BAY	OR	97420	32	0
A	A	A	RICHARD BLAND C WM & MARY	PETERSBURG	VA	23803	75	0
OPR PROGRAM IN DEPARTMENT OF CON								
A	A	A	WORCESTER JUNIOR COLLEGE	WORCESTER	MA	01608	23	0
A	A	A	KINGSBOROUGH COMMUNITY CO	BROOKLYN	NY	11235	120	0
A	A	A	WILLIAMSPORT AREA CC	WILLIAMSPORT	PA	17701	45	0
OPR PROGRAM IN DEPARTMENT OF CPR								
A	A	A	MIAMI-DADE JUNIOR COLLEGE	MIAMI	FL	33136	637	0

YEAR OFFERED AND DEGREE 1969-70	1970-71	1971-72	NAME OF INSTITUTION	CITY	STATE	ZIPCODE	MAJORS ENROLLED 1969-70 UNDERGRAD	GRADUATE
OPR PROGRAM IN DEPARTMENT OF CSC								
A	A	A	ROCKINGHAM CMTY COLLEGE	WENTWORTH	NC	27375	38	0
A	A	A	CHATTANOOGA ST TECH INST	CHATTANOOGA	TN	37408	500	0
A	A	A	BIG BEND CMTY COLLEGE	MOSES LAKE	WA	98837	25	0
OPR PROGRAM IN DEPARTMENT OF CYB								
A	A	A	HOLYOKE COMMUNITY COLLEGE	HOLYOKE	MA	01040	19	0
A	A	A	PRINCE GEORGE S CC	LARGO	MD	20870	378	0
A	A	A	STATE TECH INST	MEMPHIS	TN	38128	624	0
OPR PROGRAM IN DEPARTMENT OF OPR								
A	A	A	PHOENIX COLLEGE	PHOENIX	AL	85017	211	0
	A	A	LURLEEN B WALLACE ST JC	ANDALUSIA	AL	36420	22	3
A	A	A	JEFFERSON ST JR COLLEGE	BIRMINGHAM	AL	35215	300	0
A	A	A	JOHN C CALHOUN ST TECH JC	DECATUR	AL	35601	70	0
A	A	A	PHILLIPS CO CMTY COLLEGE	HELENA	AR	72342	25	0
A	A	A	MESA COMMUNITY COLLEGE	MESA	AZ	85251	50	0
A	A	A	GLENDALE COMMUNITY COLLEG	GLENDALE	AZ	85301	35	0
A	A	A	MOORPARK JUNIOR COLLEGE	MOORPARK	CA	93021	131	0
A	A	A	DE ANZA COLLEGE	CUPERTINO	CA	95014	900	0
A	A	A	WEST VALLEY COLLEGE	CAMPBELL	CA	95008	247	0
A	A	A	VICTOR VALLEY COLLEGE	VICTORVILLE	CA	92392	0	0
A	A	A	SANTA ANA COLLEGE	SANTA ANA	CA	92706	112	0
A	A	A	SAN JOAQUIN DELTA COLLEGE	STOCKTON	CA	95204	50	0
A	A	A	RIVERSIDE CITY COLLEGE	RIVERSIDE	CA	92506	125	0
A	A	A	SACRAMENTO CITY COLLEGE	SACRAMENTO	CA	95822	300	0
A	A	A	AMERICAN RIVER C MAIN CAM	SACRAMENTO	CA	95841	385	0
A	A	A	GROSSMONT COLLEGE	EL CAJON	CA	92020	100	0
A	A	A	FULLERTON JUNIOR COLLEGE	FULLERTON	CA	92634	173	0
A	A	A	EL CAMINO COLLEGE	EL CAMINO COLLEGE	CA	90506	350	0
A	A	A	CONTRA COSTA COLLEGE	SAN PABLO	CA	94806	592	0
A	A	A	CITRUS COLLEGE	AZUSA	CA	91702	215	0
A	A	A	CHABOT CO	HAYWARD	CA	94545	410	0
A	A	A	CANADA COLLEGE	APTOS	CA	95003	250	0
A	A	A	TRINIDAD STATE JR COLLEGE	TRINIDAD	CO	81082	30	0
A	A	A	OTERO JUNIOR COLLEGE	LA JUNTA	CO	81050	48	0
A	A	A	NORWALK ST TECH COLLEGE	NORWALK	CT	06854	100	0
A	A	A	NORWALK COMMUNITY COLLEGE	NORWALK	CT	06850	82	0
A	A	A	MANCHESTER CMTY COLLEGE	MANCHESTER	CT	06040	60	0
A	A	A	DEL TECH & CC NORTHERN BR	WILMINGTON	DE	19802	80	0
A	A	A	DEL TECH & CC SOUTHERN BR	GEORGETOWN	DE	19947	40	0
	A	A	TALLAHASSEE JR COLLEGE	TALLAHASSEE	FL	32304	0	0
A	A	A	SAINT PETERSBG JR COLLEGE	CLEARWATER	FL	33515	273	0
A	A	A	NORTH FLORIDA JR COLLEGE	MADISON	FL	32340	120	0
A	A	A	MIAMI-DADE JUNION COLLEGE	MIAMI	FL	33156	0	0
A	A	A	BROWARD COMMUNITY COLLEGE	FORT LAUDERDALE	FL	33314	165	0
	A		GULF COAST JUNIOR COLLEGE	PANAMA CITY	FL	32401	0	0
A	A	A	FLORIDA KEYS COMMUNITY CO	KEY WEST	FL	33040	35	0
	A	A	CHIPOLA JUNIOR COLLEGE	MARIANNA	FL	32446	0	0
A	A	A	VALENCIA JUNIOR COLLEGE	ORLANDO	FL	32809	4	0
A	A	A	HAWAII KAPIOLANI CC U OF	HONOLULU	HI	96814	200	0
	A	A	DES MOINES AREA CC-ANKENY	ANKENY	IA	50021	0	0
A	A	A	ILLINOIS VLY CMTY COLLEGE	OGLESBY	IL	61348	63	0
A	A	A	SAUK VALLEY COLLEGE	DIXON	IL	61021	30	0
A	A	A	ROCK VALLEY COLLEGE	ROCKFORD	IL	61111	100	0
A	A	A	BLACK HAWK COLLEGE	MOLINE	IL	61265	96	0
A	A	A	KASKASKIA COLLEGE	CENTRALIA	IL	62801	50	0
A	A	A	WAUBONSEE CMTY COLLEGE	SUGAR GROVE	IL	60554	144	0
A	A	A	BELLEVILLE AREA COLLEGE	BELLEVILLE	IL	62221	311	0
A	A	A	JOLIET JUNIOR COLLEGE	JOLIET	IL	60436	75	0
A	A		KISHWAUKEE COLLEGE	MALTA	IL	60150	0	0
A	A	A	CHICAGO CITY C LOOP CAM	CHICAGO	IL	60601	100	0
A	A	A	LAKE COUNTY COLLEGE OF	GRAYSLAKE	IL	60030	160	0
A	A	A	SPOON RIVER COLLEGE	CANTON	IL	61520	23	0
A	A	A	TRITON COLLEGE	RIVER GROVE	IL	60171	100	0
	A	A	BARTON CO CMTY JR COLLEGE	GREAT BEND	KS	67530	20	0
A			JEFFERSON COMMUNITY COLL	LOUISVILLE	KY	40201	15	0
A	A	A	UNIV OF KY CMTY COLL SYS	SOMERSET	KY	42501	10	0
A	A	A	COMMUNITY COLLEGE SYS UNI	LEXINGTON	KY	40506	30	0
A	A	A	DELGADO COLLEGE	NEW ORLEANS	LA	70119	225	30
A	A	A	NEWTON JUNIOR COLLEGE	NEWTONVILLE	MA	02160	25	0
A	A	A	QUINSIGAMOND CMTY COLLEGE	WORCESTER	MA	01605	34	0
		A	ALLEGANY CMTY COLLEGE	CUMBERLAND	MD	21502	0	0
A	A	A	ANNE ARUNDEL CMTY COLLEGE	ARNOLD	MD	21012	125	0
A	A	A	HAGERSTOWN JUNIOR COLLEGE	HAGERSTOWN	MD	21740	83	0
A	A	A	CATONSVILLE CMTY COLLEGE	CATONSVILLE	MD	21228	150	0
A	A	A	CMTY COLLEGE OF BALTIMORE	BALTIMORE	MD	21215	200	0
A	A	A	CHARLES CO CMTY COLLEGE	LA PLATA	MD	20646	138	0
A	A	A	DELTA COLLEGE	UNIVERSITY CENTER	MI	48710	100	0
A	A	A	MUSKEGON BUSINESS COLLEGE	MUSKEGON	MI	49442	60	0
A	A	A	NORTHWESTERN MICH COLLEGE	TRAVERSE CITY	MI	49684	30	0
A	A	A	MORERLY JUNIOR COLLEGE	MORERLY	MO	65270	7	0
A	A	A	PENN VALLEY CMTY COLLEGE	KANSAS CITY	MO	64111	60	0
A	A	A	MERAMEC COMMUNITY COLLEGE	SAINT LOUIS	MO	63122	100	0
A	A	A	FLORISSANT VALLEY COMMUNI	ST LOUIS	MO	63135	350	0
A	A	A	NORTHWEST MISS JR COLLEGE	SENATOBIA	MS	38668	50	0
A	A	A	SOUTHWEST MISS JR COLLEGE	SUMMIT	MS	39666	25	0
A	A	A	MISS GULF CST JC JEFF DAV	GULFPORT	MS	39501	35	0
A	A	A	HOLMES JUNIOR COLLEGE	GOODMAN	MS	39079	30	0
A			FLATHEAD VLY CMTY COLLEGE	KALISPELL	MT	59901	30	9
A	A	A	TECH INST OF ALAMANCE	BURLINGTON	NC	27215	150	0
A	A	A	RICHMOND TECHNICAL INST	HAMLET	NC	28345	18	0

YEAR OFFERED AND DEGREE 1969-70	1970-71	1971-72	NAME OF INSTITUTION	CITY	STATE	ZIPCODE	MAJORS ENROLLED 1969-70 UNDERGRAD	GRADUATE
DPR PROGRAM IN DEPARTMENT OF DPR								
	B		GARDNER WEBB COLLEGE	BOILING SPRINGS	NC	28017	75	0
A	A	A	LENOIR CMTY COLLEGE	KINSTON	NC	28501	75	0
A	A	A	WAYNE COMMUNITY COLLEGE	GOLDSBORO	NC	27530	7	0
A	A	A	FAYETTEVILLE TECH INST	FAYETTEVILLE	NC	28303	48	0
A	A	A	WILKES COMMUNITY COLLEGE	WILKESBORO	NC	28697	51	0
A	A	A	NH TECHNICAL INST CONCORD	CONCORD	NH	03301	115	0
A	A	A	BURLINGTON COUNTY COLLEGE	PEMBERTON	NJ	08068	50	0
	A	A	CUMBERLAND COUNTY COLLEGE	VINELAND	NJ	08360	0	0
A	A	A	MERCER CO CMTY COLLEGE	TRENTON	NJ	08608	920	0
A	A	A	NEW MEXICO JUNIOR COLLEGE	HOBBS	NM	88240	62	0
A	A	A	SUNY AGRL & TECH C ALFRED	ALFRED	NY	14802	153	0
A	A	A	NASSAU COMMUNITY COLLEGE	GARDEN CITY	NY	11530	420	0
A	A	A	HUDSON VLY CMTY COLLEGE	TROY	NY	12180	40	0
A	A	A	MONROE COMMUNITY COLLEGE	ROCHESTER	NY	14623	308	0
A	A	A	NIAGARA CO CMTY COLLEGE	NIAGARA FALLS	NY	14303	100	0
A	A	A	SUNY AGRL TECH C COBLESKL	COBLESKILL	NY	12043	120	0
A	A	A	SUNY AGRL TECH C FARMNGDL	FARMINGDALE	NY	11735	200	0
A	A	A	SUNY AGRL TECH C MORRISVI	MORRISVILLE	NY	13408	106	0
A	A	A	SUNY AGRL & TECH C CANTON	CANTON	NY	13617	0	0
A	A	A	NEW YORK CTY CMTY COLLEGE	BROOKLYN	NY	11201	0	0
A	A	A	AUBURN COMMUNITY COLLEGE	AUBURN	NY	13021	225	0
A	A	A	CORNING COMMUNITY COLLEGE	CORNING	NY	14830	104	0
A	A	A	ERIE COMMUNITY COLLEGE	BUFFALO	NY	14221	100	0
A	A	A	SUFFOLK COMMUNITY COLLEGE	SELDEN	NY	11784	240	0
		A	CMTY COLLEGE FINGER LAKES	CANANDAIGUA	NY	14424	0	0
	A	A	WESTCHESTER CMTY COLLEGE	VALHALLA	NY	10595	0	0
A	A	A	SUNY AGRL & TECH C DELHI	DELHI	NY	13753	37	0
A	A	A	LAKELAND COMMUNITY COLLEG	MENTOR	OH	44060	110	2
A	A	A	NORTHERN OKLAHOMA COLLEGE	TONKAWA	OK	74653	25	0
A	A	A	EASTERN OKLA ST COLLEGE	WILBURTON	OK	74578	90	0
A	A	A	LANE COMMUNITY COLLEGE	EUGENE	OR	97405	150	0
A	A	A	CHEMEKETA CMTY COLLEGE	SALEM	OR	97303	120	0
A	A	A	MONTGOMERY CO COMMUNITY C	CONSHOHOCKEN	PA	19428	200	0
A	A	A	NORTHAMPTON CO AREA CC	BETHLEHEM	PA	18017	75	0
A	A	A	BUCKS COUNTY CMTY COLLEGE	NEWTOWN	PA	18940	128	0
A	A	A B	JOHNSON & WALES JC OF BUS	PROVIDENCE	RI	02903	240	0
A	A	A	MIDLANDS TECH ED CENTER	COLUMBIA	SC	29205	135	0
A	A	A	YORK CO TECH ED CENTER	ROCK HILL	SC	29730	20	0
A	A	A	BERK-CHARLN-DORCHSTR TYDC	NORTH CHARLESTON	SC	29405	0	0
A	A	A	GREENVILLE TECH, ED. CENT	GREENVILLE	SC	29606	60	0
A	A	A	FLORENCE DARLINGTON TEDC	FLORENCE	SC	29501	50	0
A	A	A	NASHVILLE STATE TECH INST	NASHVILLE	TN	37209	140	0
A	A	A	LEE COLLEGE	BAYTOWN	TX	77520	5	0
A	A	A	TEXARKANA COLLEGE	TEXARKANA	TX	75501	40	0
A	A	A	SAN JACINTO COLLEGE	PASADENA	TX	77505	325	0
A	A	A	TARRANT CO JC SOUTH CAMPU	FORT WORTH	TX	76119	306	0
A	A	A	SAN ANTONIO COLLEGE	SAN ANTONIO	TX	78212	300	0
A	A	A	MCLENNAN CMTY COLLEGE	WACO	TX	76708	107	0
A	A	A	LAREDO JUNIOR COLLEGE	LAREDO	TX	78040	22	0
A	A	A	DEL MAR COLLEGE	CORPUS CHRISTI	TX	78404	200	0
A	A	A	ODESSA COLLEGE	ODESSA	TX	79760	65	0
A	A	A	HENDERSON CO JR COLLEGE	ATHENS	TX	75751	75	0
A	A	A	BEE COUNTY COLLEGE	BEEVILLE	TX	78102	40	0
A	A	A	AMARILLO COLLEGE	AMARILLO	TX	79105	74	0
A	A	A	NORTHERN VIRGINIA COMM. C	ANNANDALE	VA	22003	423	0
A	A	A	CENTRAL VA CMTY COLLEGE	LYNCHBURG	VA	24502	75	0
A	A	A	GRAYS HARBOR COLLEGE	ABERDEEN	WA	98520	40	0
A	A	A	FORT STEILACOOM CC	TACOMA	WA	98499	71	0
A	A	A	HIGHLINE CMTY COLLEGE	MIDWAY	WA	98031	92	0
A	A	A	YAKIMA VALLEY COLLEGE	YAKIMA	WA	98902	50	0
A	A	A	SEATTLE COMMUNITY COLLEGE	SEATTLE	WA	98109	280	0
	A	A	WAUKESHA COUNTY TECH INST	WAUKESHA	WI	53186	0	0
A	A	A	CASPER COLLEGE	CASPER	WY	82601	69	0
DPR PROGRAM IN DEPARTMENT OF NEC								
A	A	A	SNT JOHNS RIVER JUNIOR C	PALATKA	FL	32077	95	0
A	A	A	SEMINOLE JUNIOR COLLEGE	SANFORD	FL	32771	114	0
A	A	A	MORAINE VALLEY CMTY COLLE	PALOS HILLS	IL	60465	67	0
ISY PROGRAM IN DEPARTMENT OF HAD								
	A	A	NORTHAMPTON JR COLLEGE	NORTHAMPTON	MA	01060	50	0
ISY PROGRAM IN DEPARTMENT OF CSC								
A	A	A	CHATTANOOGA ST TECH INST	CHATTANOOGA	TN	37406	75	0
ISY PROGRAM IN DEPARTMENT OF ISY								
A	A	A	ORANGE COAST COLLEGE	COSTA MESA	CA	92626	376	0

YEAR OFFERED AND DEGREE 1969-70	1970-71	1971-72	NAME OF INSTITUTION	CITY	STATE	ZIPCODE	MAJORS ENROLLED 1969-70 UNDERGRAD	GRADUATE
CPR PROGRAM IN DEPARTMENT OF CSC								
A	A	A	MISSOURI SOUTHERN COLLEGE	JOPLIN	MO	64801	60	0
CPR PROGRAM IN DEPARTMENT OF DPR								
A B	A B	A B	NATIONAL COLLEGE BUSINESS	RAPID CITY	SD	57701	140	0
CPR PROGRAM IN DEPARTMENT OF MAT								
B	B	B	WILLIAM WOODS COLLEGE	FULTON	MO	65251	1	0
CPR PROGRAM IN DEPARTMENT OF MSC								
B	B	B	VALLEY CITY STATE COLLEGE	VALLEY CITY	ND	58072	0	0
CSC PROGRAM IN DEPARTMENT OF CPR								
A	A	A	SPRING GARDEN COLLEGE	PHILADELPHIA	PA	19118	40	0
CSC PROGRAM IN DEPARTMENT OF CSC								
	A	A	MENLO SCHOOL & COLLEGE	MENLO PARK	CA	94025	6	0
A B	A B	A B	QUINNIPIAC COLLEGE	HAMDEN	CT	06518	14	0
B	B	B	FT LAUDERDALE UNIVERSITY	FORT LAUDERDALE	FL	33301	131	0
		B	TAYLOR UNIVERSITY	UPLAND	IN	46989	0	0
A	A	A	TRI-STATE COLLEGE	ANGOLA	IN	46703	50	0
	B	B	SNT JOS COLLEGE MAIN CAM	RENSSELAER	IN	47978	0	0
B	B	B	TRANSYLVANIA UNIVERSITY	LEXINGTON	KY	40508	5	0
	B	B	MERCY COLLEGE	DOBBS FERRY	NY	10522	0	0
CSC PROGRAM IN DEPARTMENT OF CTE								
B	B	B	NY INST TECHN MAIN CAMPUS	OLD WESTBURY	NY	11568	200	0
CSC PROGRAM IN DEPARTMENT OF MAT								
B	B	B	SOUTHERN COLO ST COLLEGE	PUEBLO	CO	81005	60	0
B	B	B	INDIANA INST TECHNOLOGY	FORT WAYNE	IN	46803	2	0
B	B	B	LINDENWOOD COLLEGE	SAINT CHARLES	MO	63301	8	0
B	B	B	GUILFORD COLLEGE	GREENSBORO	NC	27410	44	0
B	B	B	NC AT ASHEVILLE U OF	ASHEVILLE	NC	28801	3	0
B	B	B	WOOSTER COLLEGE OF	WOOSTER	OH	44691	1	0
B	B	B	LOCK HAVEN STATE COLLEGE	LOCK HAVEN	PA	17745	80	0
		B	HAMPDEN-SYDNEY COLLEGE	HAMPDEN SYDNEY	VA	23943	7	0
B	B	B	BETHANY COLLEGE	BETHANY	WV	26032	2	0
CSC PROGRAM IN DEPARTMENT OF MSC								
A	A	A	BRIDGEPORT ENGR INSTITUTE	BRIDGEPORT	CT	06603	10	0
B	B	B	FLORIDA TECHNOLOGICAL U	ORLANDO	FL	32816	159	0
B	B	B	KNOX COLLEGE	GALESBURG	IL	61401	6	0
		B	SCHOOL OF THE OZARKS	POINT LOOKOUT	MO	65726	20	0
CTE PROGRAM IN DEPARTMENT OF CSC								
A B	A B	A B	DEVRY INST OF TECH	CHICAGO	IL	60641	350	0
CTE PROGRAM IN DEPARTMENT OF CTE								
A	A	A	LAWRENCE INST TECHNOLOGY	SOUTHFIELD	MI	48075	0	0
	A	A	SPRING GARDEN COLLEGE	PHILADELPHIA	PA	19118	10	0
CTE PROGRAM IN DEPARTMENT OF EEN								
	M	M	UNIV OF MICHIGAN DEARBORN	DEARBORN	MI	48128	0	18
CTE PROGRAM IN DEPARTMENT OF NEC								
A B	A B	A B	OREGON TECHNICAL INST	KLAMATH FALLS	OR	97601	75	0
DPR PROGRAM IN DEPARTMENT OF BAD								
A B	A B	A B	PACE COLLEGE WESTCHESTER	PLEASANTVILLE	NY	10570	25	0
B	B	B	LAMBUTH COLLEGE	JACKSON	TN	38301	10	0
	A B	A B	SHEPHERD COLLEGE	SHEPHERDSTOWN	WV	25443	27	0
A B	A B		W LIBERTY ST C MAIN CAM	WEST LIBERTY	WV	26074	3	0
DPR PROGRAM IN DEPARTMENT OF DPR								
A	A	A	SAINT FRANCIS COLLEGE	BROOKLYN	NY	11201	10	0
A	A	A	LANGSTON UNIVERSITY	LANGSTON	OK	73050	12	0
B	B	B	KINGS COLLEGE	WILKES BARRE	PA	18702	125	0
A B	A B	A B	WEBER STATE COLLEGE	OGDEN	UT	84403	325	0
ISC PROGRAM IN DEPARTMENT OF ISC								
B	B	B	POINT PARK COLLEGE	PITTSBURGH	PA	15222	135	6
NEC PROGRAM IN DEPARTMENT OF MSC								
B			SUSQUEHANNA UNIVERSITY	SELINSGROVE	PA	17870	50	0

GROUP ( )MASTERS) DEGREE PROGRAMS (AS OF JUNE 30, 1971)

YEAR OFFERED AND DEGREE 1969-70	1970-71	1971-72	NAME OF INSTITUTION	CITY	STATE	ZIPCODE	MAJORS ENROLLED 1969-70 UNDERGRAD	GRADUATE
CPR PROGRAM IN DEPARTMENT OF BAD								
	B	B	FEDERAL CITY COLLEGE	WASHINGTON	DC	20001	333	0
CPR PROGRAM IN DEPARTMENT OF MAT								
B	B	B	ST THOMAS UNIVERSITY OF	HOUSTON	TX	77006	29	0
CSC PROGRAM IN DEPARTMENT OF CIS								
	B	B	CLEVELAND ST UNIVERSITY	CLEVELAND	OH	44115	0	0
CSC PROGRAM IN DEPARTMENT OF COM								
		B M	FARLGH DCKSN MADISON CAM	MADISON	NJ	07940	0	0
CSC PROGRAM IN DEPARTMENT OF CSC								
B	B	B	LIVINGSTON UNIVERSITY	LIVINGSTON	AL	35470	0	0
B	B	B	ALA AGRL AND MECH COLLEGE	NORMAL	AL	35762	155	0
B	B	B	SAN FRANCISCO U OF	SAN FRANCISCO	CA	94117	80	4
	B	B	FEDERAL CITY COLLEGE	WASHINGTON	DC	20001	32	0
		B	CLARKE COLLEGE	DUBUQUE	IA	52001	20	0
M		B M	BRADLEY UNIVERSITY	PEORIA	IL	61606	0	17
		C	MURRAY STATE UNIVERSITY	MURRAY	KY	42071	0	0
B	B	B	SOUTHERN UNIV AND A. & M.	BATON ROUGE	LA	70813	125	0
B	B	A B	NICHOLLS STATE UNIVERSITY	THIBODAUX	LA	70301	40	0
		B	CENTRAL MICH UNIVERSITY	MOUNT PLEASANT	MI	48858	0	0
B	B	B	MANKATO STATE COLLEGE	MANKATO	MN	56001	70	0
	B	B	EASTERN NM U MAIN CAMPUS	PORTALES	NM	88130	5	0
	B	B M	CUNY QUEENS COLLEGE	FLUSHING	NY	11367	0	0
	B	B	SUNY COLLEGE AT OSWEGO	OSWEGO	NY	13126	0	0
B M	B M	B M	CUNY CITY COLLEGE	NEW YORK	NY	10031	250	20
B	B	B	WRIGHT STATE UNIVERSITY	DAYTON	OH	45431	50	0
A	A	A	SOUTHWESTERN STATE COLLEG	WEATHERFORD	OK	73096	25	0
		A B	SCRANTON UNIVERSITY OF	SCRANTON	PA	18510	0	0
A	A	A	TENN AT CHATTANOOGA U OF	CHATTANOOGA	TN	37403	6	0
		B	WIS STATE U AT LA CROSSE	LA CROSSE	WI	54601	0	0
	B	B	WEST VA INST TECHNOLOGY	MONTGOMERY	WV	25136	0	0
CSC PROGRAM IN DEPARTMENT OF DPR								
A	A	A	SOUTHEAST MO ST COLLEGE	CAPE GIRARDEAU	MO	63701	114	0
CSC PROGRAM IN DEPARTMENT OF EEN								
		B M	LOYOLA U OF LOS ANGELES	LOS ANGELES	CA	90045	0	0
CSC PROGRAM IN DEPARTMENT OF ISY								
	B M	B M	WEST TEXAS ST UNIVERSITY	CANYON	TX	79015	0	0
CSC PROGRAM IN DEPARTMENT OF MAT								
B	B	B	CENTRAL MO STATE COLLEGE	WARRENSBURG	MO	64093	20	0
	B	B	TRENTON STATE COLLEGE	TRENTON	NJ	08625	10	0
B M	B M	B M	NEW MEXICO HIGHLANDS U	LAS VEGAS	NM	87701	5	2
B	B	B	CENTRAL STATE UNIV	EDMOND	OK	73034	521	0
		B	EAST STROUDSBG ST COLLEGE	EAST STROUDSBURG	PA	18301	0	0
B M	B M	B M	MIDDLE TENN ST UNIVERSITY	MURFREESBORO	TN	37130	14	0
	B	B	WESTERN WASH ST COLLEGE	BELLINGHAM	WA	98225	0	0
CSC PROGRAM IN DEPARTMENT OF MSC								
B	B	B M	FLORIDA INST TECHNOLOGY	MELBOURNE	FL	32901	98	0
CSC PROGRAM IN DEPARTMENT OF SCS								
B	B	B	CAL STATE POLY SN LUIS OB	SAN LUIS OBISPO	CA	93401	85	0
CTE PROGRAM IN DEPARTMENT OF CSC								
A B	A B	A B	FLA AGRICULTURAL & MECH U	TALLAHASSEE	FL	32307	63	0
CTE PROGRAM IN DEPARTMENT OF CTE								
A B	A B	A B	ROOSEVELT UNIVERSITY	CHICAGO	IL	60605	25	0
A	A	A	PURDUE U CALUMET CAMPUS	HAMMND	IN	46323	285	0
A	A	A	PURDUE U NORTH CEN CAMPUS	WESTVILLE	IN	46391	0	0
CTE PROGRAM IN DEPARTMENT OF EEN								
A	A	A	MILWAUKEE SCH ENGINEERING	MILWAUKEE	WI	53201	93	0
DPR PROGRAM IN DEPARTMENT OF BAD								
B	B	B	NORTHERN ARIZ UNIVERSITY	FLAGSTAFF	AZ	86001	50	0
B	B	B	KANSAS ST COLLEGE PITTSBG	PITTSBURG	KS	66762	118	0
B	B	B	FORT HAYS KANSAS STATE CO	HAYS	KS	67601	0	0
A B	A B	A B	MOREHEAD STATE UNIVERSITY	MOREHEAD	KY	40351	50	0
		B	CENTRAL MO STATE COLLEGE	WARRENSBURG	MO	64093	0	0
A B	A B	A B	PACE COLLEGE	NEW YORK	NY	10038	135	0
B M			WEST TEXAS ST UNIVERSITY	CANYON	TX	79015	437	46
B	B	B	WIS STATE U AT SUPERIOR	SUPERIOR	WI	54880	70	0
DPR PROGRAM IN DEPARTMENT OF BUS								
B M	B M	B M	KANS ST TCHRS C EMPORIA	EMPORIA	KS	66801	136	15
DPR PROGRAM IN DEPARTMENT OF DPR								
B	B	B	CAL STATE POLY C POMONA	POMONA	CA	91768	282	0
A B M	A B M	A B M	EASTERN NM U MAIN CAMPUS	PORTALES	NM	88130	84	8
B	B	B	TEXAS A & I U	KINGSVILLE	TX	78363	25	0
DPR PROGRAM IN DEPARTMENT OF ICS								
A	A B	A B	EVANSVILLE UNIVERSITY OF	EVANSVILLE	IN	47701	20	0
ICS PROGRAM IN DEPARTMENT OF ICS								
M	M	M	RENSSELAER POLY INST CONN	HARTFORD	CT	06120	0	180
IPR PROGRAM IN DEPARTMENT OF IPR								
		B	BLOOMSBURG STATE COLLEGE	BLOOMSBURG	PA	17815	0	0

YEAR OFFERED AND DEGREE 1969-70	1970-71	1971-72	NAME OF INSTITUTION	CITY	STATE	ZIPCODE	MAJORS ENROLLED 1969-70 UNDERGRAD	GRADUATE
ISC PROGRAM IN DEPARTMENT OF ENG								
	B M	B M	PURDUE UNIV CALUMET CAMPU	HAMMOND	IN	46323	200	25
ISC PROGRAM IN DEPARTMENT OF ICS								
	B	B	WESTERN ILL UNIVERSITY	MACOMB	IL	61455	0	0
ISC PROGRAM IN DEPARTMENT OF MAT								
	B		E CAROLINA U MAIN CAMPUS	GREENVILLE	NC	27834	15	0
ISC PROGRAM IN DEPARTMENT OF NEC								
B	B	B	SAINT THOMAS COLLEGE OF	SAINT PAUL	MN	55101	45	0
ISY PROGRAM IN DEPARTMENT OF BAD								
	B	B	EASTERN ILL UNIVERSITY			61920	0	0
B	M	B	CAL ST COLLEGE LOS ANG	LOS ANGELES	CA	90032	0	0
A	A	A	GUAM UNIVERSITY OF	AGANA	GU	96910	3	0
ISY PROGRAM IN DEPARTMENT OF EDU								
B	B	B	GLASSBORO STATE COLLEGE	GLASSBORO	NJ	08028	130	50
ISY PROGRAM IN DEPARTMENT OF NEC								
A	A	A	PACE COLLEGE	NEW YORK	NY	10038	0	74
	B	B	BRYANT COLLEGE OF BUS ADM	PROVIDENCE	RI	02906	0	0
ISY PROGRAM IN DEPARTMENT OF SYS								
B		B	FLA ATLANTIC UNIVERSITY	BOCA RATON	FL	33432	53	0
NEC PROGRAM IN DEPARTMENT OF BUS								
B	B	B	WRIGHT STATE UNIVERSITY	DAYTON	OH	45431	20	0
SAN PROGRAM IN DEPARTMENT OF NEC								
A B	A B	A B	ELMIRA COLLEGE	ELMIRA	NY	14901	4	0
SEN PROGRAM IN DEPARTMENT OF ENG								
B M	B M D	D M	OAKLAND UNIVERSITY	ROCHESTER	MI	48063	0	0
SEN PROGRAM IN DEPARTMENT OF SEN								
B M	B M	B M	WRIGHT STATE UNIVERSITY	DAYTON	OH	45431	385	26
SYS PROGRAM IN DEPARTMENT OF SYS								
B	B	B	WEST FLORIDA U OF	PENSACOLA	FL	32504	75	0

YEAR OFFERED AND DEGREE 1969-70	1970-71	1971-72	NAME OF INSTITUTION	CITY	STATE	ZIPCODE	MAJORS ENROLLED 1969-70 UNDERGRAD	GRADUATE
CEN PROGRAM IN DEPARTMENT OF EEN								
		B	SYRACUSE UNIVERSITY	SYRACUSE	NY	13210	0	0
CEN PROGRAM IN DEPARTMENT OF EEN								
B M D	B M U	B M D	CLEMSON U MAIN CAMPUS	CLEMSON	SC	29631	85	9
CPR PROGRAM IN DEPARTMENT OF BAD								
B	B	B	PR RIO PIEDRAS U OF	RIO PIEDRAS	PR	00931	0	0
CPR PROGRAM IN DEPARTMENT OF UPR								
A	A	A	STHN ILLINOIS U MAIN CAM	CARBONDALE	IL	62901	135	0
A	A	A	LOWELL TECHNOLOGICAL INST	LOWELL	MA	01854	200	0
CPR PROGRAM IN DEPARTMENT OF ICS								
D	D	D	OKLAHOMA MAIN CAMPUS U OF	NORMAN	OK	73069	0	19
CPR PROGRAM IN DEPARTMENT OF MAT								
B	B	B	INDIANA U OF PA MAIN CAMP	INDIANA	PA	15701	20	0
CSC PROGRAM IN DEPARTMENT OF CCS								
B M D	B M U	B M D	MICHIGAN MAIN CAMPUS U	ANN ARBOR	MI	48104	60	70
CSC PROGRAM IN DEPARTMENT OF CIS								
B M D	B M U	B M D	OHIO STATE U MAIN CAMPUS	COLUMBUS	OH	43210	300	114
M D	B M U	B M D	CASE WESTERN RESERVE U	CLEVELAND	OH	44106	90	50
M	M	M	OKLA STATE U MAIN CAMPUS	STILLWATER	OK	74074	0	19
CSC PROGRAM IN DEPARTMENT OF COM								
M	M	M	ARKANSAS MAIN CAMPUS,U OF	FAYETTEVILLE	AR	72701	0	8
M D	M U	M D	SOUTHERN CALIFORNIA,U OF	LOS ANGELES	CA	90007	0	229
B M D	B M U	B M D	WASHINGTON UNIVERSITY	SAINT LOUIS	MO	63130	67	91
M D	M D	M D	STEVENS INST TECHNOLOGY	HOBOKEN	NJ	07030	0	100
		M	UNIVERSITY OF NEVADA RENO	RENO	NV	89507	0	0
	M	M	TENNESSEE KNOXVILLE U OF	KNOXVILLE	TN	37916	0	35
	M	M	WILLIAM & MARY MAIN CAM C	WILLIAMSBURG	VA	23185	0	0
CSC PROGRAM IN DEPARTMENT OF CSC								
		B	ALABAMA MAIN CAMPUS,U OF	UNIVERSITY	AL	35486	0	0
M D	M U	M D	ARIZONA UNIVERSITY OF	TUCSON	AZ	85721	0	37
		B	REDLANDS,UNIVERSITY OF	REDLANDS	CA	92373	0	0
M D	M U	M D	CAL LOS ANGELES U OF	LOS ANGELES	CA	90024	0	200
B M D	B M U	B M D	U OF CALIFORNIA	BERKELEY	CA	94720	148	38
M D	M U	M D	STANFORD UNIVERSITY	STANFORD	CA	94305	0	100
M	M	M D	COLORADO MAIN CAMPUS U OF	BOULDER	CO	80302	0	25
B	B	B	COLORADO STATE UNIVERSITY	FORT COLLINS	CO	80521	83	0
		D	YALE UNIVERSITY	NEW HAVEN	CT	06520	0	0
B M D	B M D	B M D	IOWA STATE U SCI & TECHN	AMES	IA	50010	268	58
M D	M D	M D	IOWA UNIVERSITY OF	IOWA CITY	IA	52240	0	39
M D	M D	B M D	NORTHWESTERN UNIVERSITY	EVANSTON	IL	60201	0	40
B M D	B M D	B M D	U%IV OF ILL AT URBANA CHA	URBANA	IL	61801	306	160
	M	M	STHN ILLINOIS U MAIN CAM	CARBONDALE	IL	62901	0	10
B M D	B M U	B M D	PURDUE U MAIN CAMPUS	LAFAYETTE	IN	47907	60	119
		B M	INDIANA U AT BLOOMINGTON	BLOOMINGTON	IN	47401	0	0
B	B	B	UNIVERSITY OF KENTUCKY	LEXINGTON	KY	40506	70	0
B	B	B	LOUISIANA TECH UNIVERSITY	RUSTON	LA	71270	65	0
B M D	B M U	B M D	STHASTN LOUISIANA U OF	LAFAYETTE	LA	70501	232	69
M	M	M D	MASS AMHERST CAMPUS U OF	AMHERST	MA	01002	0	27
M	B M	B M	WORCESTER POLY TASTITUTE	WORCESTER	MA	01609	0	150
D	U	M D	JOHNS HOPKINS UNIVERSITY	BALTIMORE	MD	21218	0	15
M D	M U	M D	MD MAIN CAMPUS U OF	COLLEGE PARK	MD	20742	0	430
B M D	B M D	B M D	MICHIGAN STATE UNIVERSITY	EAST LANSING	MI	48823	183	24
M	M	M	UNIVERSITY OF MISSOURI CO	COLUMBIA	MO	65201	0	43
B M	B M	B M	MISSOURI ROLLA U OF	ROLLA	MO	65401	200	59
B	B	B M	U OF SOUTHERN MISSISSIPPI	HATTIESBURG	MS	39401	140	0
B M	B M	B M	MISSISSIPPI ST UNIVERSITY	STATE COLLEGE	MS	39762	54	12
	B	B	MONTANA UNIVERSITY OF	MISSOULA	MT	59801	27	0
B	B M	B M	NEBRASKA MAIN CAMPUS U OF	LINCOLN	NB	68508	156	9
B	B	B M	NC ST U RALEIGH MAIN CAM	RALEIGH	NC	27607	267	0
M D	M U	M D	UNIV NORTH CAROLINA CHAPE	CHAPEL HILL	NC	27514	0	67
M	B M U	B M D	RUTGERS U NEW BRUNSWICK	NEW BRUNSWICK	NJ	08903	110	95
B M	B M	B M	NEWARK COLLEGE OF ENGR	NEWARK	NJ	07102	2	15
M	M	B M	NM STATE U MAIN CAMPUS	LAS CRUCES	NM	88001	0	64
B	B	B	NM INST OF MINING & TECHN	SOCORRO	NM	87801	80	0
M D	M U	M D	CORNELL U MAIN CAMPUS	ITHACA	NY	14850	0	42
M D	M U	M D	RENSSELAER POLY MAIN CAM	TROY	NY	12181	0	70
B	B	B M	UNION COLLEGE	SCHENECTADY	NY	12308	20	0
B M D	B M U	B M D	NEW YORK UNIVERSITY	NEW YORK	NY	10003	50	50
B M D	B M U	B M D	SUNY ST U BFLO MAIN CAM	BUFFALO	NY	14214	14	75
M D	B M U	B M D	SUNY ST U STONY BK MAIN	STONY BROOK	NY	11790	0	35
M	M	M	SUNY STATE U AT ALBANY	ALBANY	NY	12203	0	30
B	B	B M	BOWLING GREEN STATE UNIV	BOWLING GREEN	OH	43403	21	0
B	B	B	DAYTON UNIVERSITY OF	DAYTON	OH	45409	250	0
B	B	B	OHIO U MAIN CAMPUS	ATHENS	OH	45701	5	0
	B M	B M	OREGON MAIN CAMPUS U OF	EUGENE	OR	97403	0	30
M D	M U	M D	UNIVERSITY OF PITTSBURGH	PITTSBURGH	PA	15213	0	0
B M D	B M D	B M D	PA STATE U MAIN CAMPUS	UNIVERSITY PARK	PA	16802	315	110
B	B	B	SC MAIN CAMPUS U OF	COLUMBIA	SC	29208	25	0
M	M	M	HOUSTON UNIVERSITY OF	HOUSTON	TX	77004	0	100
M D	M D	B M D	SOUTHERN METH UNIVERSITY	DALLAS	TX	75222	0	50
B	B	B	EAST TEXAS ST UNIVERSITY	COMMERCE	TX	75428	32	0
M D	M D	M D	TEXAS AT AUSTIN U OF	AUSTIN	TX	78712	0	124
A B	A B	A M	BRIGHAM YOUNG UNIVERSITY	PROVO	UT	84601	230	0
B	B	B	UTAH STATE UNIVERSITY	LOGAN	UT	84321	79	2
B	B	B M	VA POLY INST AND STATE UN	BLACKSBURG	VA	24061	25	0
I D	B M D	B M D	WASHINGTON ST UNIVERSITY	PULLMAN	WA	99163	0	75

YEAR OFFERED AND DEGREE 1969-70	1970-71	1971-72	NAME OF INSTITUTION	CITY	STATE	ZIPCODE	MAJORS ENROLLED 1969-70 UNDERGRAD	GRADUATE
CSC PROGRAM IN DEPARTMENT OF CSC								
		D	WYOMING UNIVERSITY OF	LARAMIE	WY	82070	0	0
CSC PROGRAM IN DEPARTMENT OF ECS								
B M D	B M D	B M D	CAL BERKELEY U OF	BERKELEY	CA	94720	200	126
CSC PROGRAM IN DEPARTMENT OF EEN								
	B M D	B M D	AUBURN U MAIN CAMPUS	AUBURN	AL	36830	0	15
M D	M D	M D	ARIZONA STATE UNIVERSITY	TEMPE	AZ	85281	0	150
B M	B M	B M	US NAVAL POSTGRAD SCHOOL	MONTEREY	CA	93940	0	26
B M D	B M D	B M D	CAL SANTA BARBARA U OF	SANTA BARBARA	CA	93106	50	20
M D	M D	M D	STANFORD UNIVERSITY	STANFORD	CA	94305	0	14
M D	B M D	B M D	CONN MAIN CAMPUS U OF CON	STORRS	CT	06268	0	40
B M D	B M D	B M D	MASS INST OF TECHNOLOGY	CAMBRIDGE	MA	02139	200	100
B M D	B M D	B M D	PRINCETON UNIVERSITY	PRINCETON	NJ	08540	20	15
B M	B M	B M	NEW MEXICO UNIVERSITY OF	ALBUQUERQUE	NM	87106	40	45
M D	M D	M D	NEW YORK UNIVERSITY	NEW YORK	NY	10003	0	100
B M	B M	B M	POLYTECHNIC INST BROOKLYN	BROOKLYN	NY	11201	30	6
B M D	M M D	B M D	TEXAS AT AUSTIN U OF	AUSTIN	TX	78712	0	0
B M D	B M D	B M D	RICE UNIVERSITY	HOUSTON	TX	77001	0	12
CSC PROGRAM IN DEPARTMENT OF ENG								
D	D	D	CAL DAVIS U OF	DAVIS	CA	95616	0	10
B M	B M	B M	ILL CHICAGO CIRCLE U OF	CHICAGO	IL	60680	36	12
CSC PROGRAM IN DEPARTMENT OF ICS								
B	B	B M D	CAL SANTA CRUZ U OF	SANTA CRUZ	CA	95060	25	0
B D	B D	B D	CAL IRVINE U OF	IRVINE	CA	92664	50	9
M D	M D	M D	GA INST OF TECHNOLOGY	ATLANTA	GA	30332	0	127
CSC PROGRAM IN DEPARTMENT OF IEN								
B M	B M	B M	AUBURN U MAIN CAMPUS	AUBURN	AL	36830	45	3
B M D	B M D	B M D	ARIZONA STATE UNIVERSITY	TEMPE	AZ	85281	30	30
M D	M D	M D	NEW YORK UNIVERSITY	NEW YORK	NY	10453	0	200
M	M D	M D	TEXAS A&M UNIVERSITY	COLLEGE STATION	TX	77843	0	98
CSC PROGRAM IN DEPARTMENT OF LSC								
B	B M	B M	SUNY DOWNSTATE MEDL CTR	BROOKLYN	NY	11203	16	2
CSC PROGRAM IN DEPARTMENT OF MAT								
M	M	M	US NAVAL POSTGRAD SCHOOL	MONTEREY	CA	93940	0	0
B M D	B M D	B M D	UNIVERSITY OF CALIFORNIA	BERKELEY	CA	94720	11	10
B	B	B	SAN FRANCISCO ST COLLEGE	SAN FRANCISCO	CA	94132	12	0
B	B	B	DENVER UNIVERSITY OF	DENVER	CO	80210	10	0
	B	B M	ILL CHICAGO CIRCLE U OF	CHICAGO	IL	60680	0	0
B	B	B	NORTHEAST LOUISIANA UNIVE	MONROE	LA	71201	69	0
M D	M D	M D	MICHIGAN MAIN CAMPUS U	ANN ARBOR	MI	48104	0	0
	B	B	WAYNE STATE UNIVERSITY	DETROIT	MI	48202	0	0
B	B	B	ND STATE U MAIN CAMPUS	FARGO	ND	58102	480	0
		B	NEW HAMPSHIRE U OF	DURHAM	NH	03824	0	0
M	M	M	NEW MEXICO UNIVERSITY OF	ALBUQUERQUE	NM	87106	0	10
M D	M D	M D	NEW YORK UNIVERSITY	NEW YORK	NY	10003	0	0
B M	B M	B M	CLEMSON U MAIN CAMPUS	CLEMSON	SC	29631	50	5
B	B	B	SOUTH DAKOTA U OF	VERMILLION	SD	57069	50	0
CSC PROGRAM IN DEPARTMENT OF MSC								
		A	AMERICAN UNIVERSITY	WASHINGTON	DC	20016	0	0
B	B	B	IOWA UNIVERSITY OF	IOWA CITY	IA	52240	80	0
B	B M	B M	BALL STATE UNIVERSITY	MUNCIE	IN	47306	84	0
B	B	B	UNIVERSITY OF TULSA	TULSA	OK	74104	25	0
	B	B	TEXAS CHRISTIAN U	FORT WORTH	TX	76129	30	0
CSC PROGRAM IN DEPARTMENT OF NEC								
B M	B M	B M D	KANSAS ST U AGR & APP SCI	MANHATTAN	KS	66502	75	28
	B M	B M	UNIVERSITY OF LOUISVILLE	LOUISVILLE	KY	40208	0	0
B M D	B M D	B M D	BROWN UNIVERSITY	PROVIDENCE	RI	02912	0	0
CSC PROGRAM IN DEPARTMENT OF SCS								
A B M D	A B M D	A B M D	UNIVERSITY OF DELAWARE	NEWARK	DE	19711	100	25
M	M	M	RHODE ISLAND U OF	KINGSTON	RI	02881	0	30
B	B	B	WEST VIRGINIA U MAIN CAM	MORGANTOWN	WV	26506	21	0
CSC PROGRAM IN DEPARTMENT OF SIS								
B	B M D	B M D	VANDERBILT UNIVERSITY	NASHVILLE	TN	37203	83	0
CTE PROGRAM IN DEPARTMENT OF CTE								
A	A	A	UNIVERSITY OF ALASKA	COLLEGE	AK	99701	80	0
A B	A B	A B	INDIANA U AT INDIANAPOLIS	INDIANAPOLIS	IN	46204	329	0
CTE PROGRAM IN DEPARTMENT OF EDU								
D	D	D	CUNY GRADUATE CENTER	NEW YORK	NY	10036	0	7
CTE PROGRAM IN DEPARTMENT OF EEN								
B M	B M	B M	WORCESTER POLY INSTITUTE	WORCESTER	MA	01609	0	0
B M D	B M D	B M D	WASHINGTON UNIVERSITY	SAINT LOUIS	MO	63130	32	18
B	B M	B M	WISCONSIN MILWAUKEE U OF	MILWAUKEE	WI	53201	60	10
CTE PROGRAM IN DEPARTMENT OF EET								
B	B	B	HOUSTON UNIVERSITY OF	HOUSTON	TX	77004	400	0
OPR PROGRAM IN DEPARTMENT OF RAD								
	B	B	AUBURN U MAIN CAMPUS	AUBURN	AL	36830	0	0

GROUP (DOCTORATES)) CONTINUED DEGREE PROGRAMS (AS OF JUNE 30, 1971)

YEAR OFFERED AND DEGREE 1969-70	1970-71	1971-72	NAME OF INSTITUTION	CITY	STATE	ZIPCODE	MAJORS ENROLLED 1969-70 UNDERGRAD	GRADUATE
DPR PROGRAM IN DEPARTMENT OF BAD								
A	A	A M	NM STATE U MAIN CAMPUS	LAS CRUCES	NM	88001	80	0
B M	B M	B M	DREXEL UNIV	PHILADELPHIA	PA	19104	15	25
DPR PROGRAM IN DEPARTMENT OF BUS								
B M	B M D	B M D	LOUISIANA TECH UNIVERSITY	RUSTON	LA	71270	65	13
DPR PROGRAM IN DEPARTMENT OF CSC								
B	B	B	BOSTON UNIVERSITY	BOSTON	MA	02215	36	0
DPR PROGRAM IN DEPARTMENT OF ISY								
	A B	A M	UNIVERSITY OF NEVADA RENO	RENO	NV	89507	0	0
DPR PROGRAM IN DEPARTMENT OF NEC								
B M	B M	B M	OHIO U MAIN CAMPUS	ATHENS	OH	45701	15	5
A	A	A	CINCINNATI MAIN CAM U OF	CINCINNATI	OH	45221	79	0
A	A	A	CINCINNATI MAIN CAM U OF	CINCINNATI	OH	45221	45	0
A	A	A	CINCINNATI MAIN CAM U OF	CINCINNATI	OH	45221	0	0
DPR PROGRAM IN DEPARTMENT OF PSC								
B D	B D	B	WISCONSIN MADISON U OF	MADISON	WI	53706	0	1
ICS PROGRAM IN DEPARTMENT OF ICS								
	B M D	B M D	MINN MNPLS SNT PAUL U OF	MINNEAPOLIS	MN	55455	0	30
B M D	B M D	B M D	SOUTHERN METH UNIVERSITY	DALLAS	TX	75222	0	375
ISC PROGRAM IN DEPARTMENT OF BAD								
D	M D	M D	UNIVERSITY OF CALF AT BER	BERKELEY	CA	94720	0	3
M	M	M	DUQUESNE UNIVERSITY	PITTSBURGH	PA	15219	0	20
ISC PROGRAM IN DEPARTMENT OF ENG								
M D	M D	M D	CAL INST OF TECHNOLOGY	PASADENA	CA	91109	0	20
ISC PROGRAM IN DEPARTMENT OF ICS								
M D	M D	M D	GA INSTITUTE OF TECHNOLOG	ATLANTA	GA	30332	0	0
M	M	M	UNIVERSITY OF H HAII	HONOLULU	HI	96822	0	35
ISC PROGRAM IN DEPARTMENT OF ISC								
M	M	M	ILLINOIS INST TECHNOLOGY	CHICAGO	IL	60616	0	39
M D	M D	M D	CHICAGO UNIVERSITY OF	CHICAGO	IL	60637	0	61
M D	M D	M D	LEHIGH UNIVERSITY	BETHLEHEM	PA	18015	1	33
ISC PROGRAM IN DEPARTMENT OF NEC								
B D	B D	B D	ARIZONA STATE UNIVERSITY	TEMPE	AZ	85281	150	4
	M	M	AMERICAN UNIVERSITY	WASHINGTON	DC	20016	0	0
ISY PROGRAM IN DEPARTMENT OF BAD								
	A		UNIV OF ALASKA	COLLEGE	AK	99701	0	0
B M	B M	B M	SAN DIEGO STATE COLLEGE	SAN DIEGO	CA	92115	306	14
D	D	D	HARVARD UNIVERSITY	BOSTON	MA	02138	0	3
M D	M D	M D	MINN MNPLS SNT PAUL U OF	MINNEAPOLIS	MN	55455	0	70
	D		KENT STATE U MAIN CAMPUS	KENT	OH	44240	0	0
B	B	B	WISCONSIN MILWAUKEE U OF	MILWAUKEE	WI	53201	15	0
ISY PROGRAM IN DEPARTMENT OF BUS								
	M	M	INDIANA UNIVERSITY	BLOOMINGTON	IN	47401	0	0
ISY PROGRAM IN DEPARTMENT OF EEN								
B M	B M D	B M D	LOUISIANA TECH UNIVERSITY	RUSTON	LA	71270	90	7
ISY PROGRAM IN DEPARTMENT OF ICS								
M D	M D	M D	GA INSTITUTE OF TECHNOLOG	ATLANTA	GA	30332	0	0
ISY PROGRAM IN DEPARTMENT OF ISY								
M	M	M	GEORGIA STATE UNIVERSITY	ATLANTA	GA	30303	0	23
A	A	A	VIRGINIA COMMONWEALTH U	RICHMOND	VA	23220	40	0
ISY PROGRAM IN DEPARTMENT OF NEC								
B	B	B	BOWLING GREEN STATE UNIV	BOWLING GREEN	OH	43403	40	0
SAN PROGRAM IN DEPARTMENT OF BAD								
M	M	M	SOUTH FLORIDA U OF	TAMPA	FL	33620	0	59
B	B	B	INDIANA U OF PA MAIN CAMP	INDIANA	PA	15701	15	0
SAN PROGRAM IN DEPARTMENT OF IEN								
B M	B M	B M	MIAMI UNIVERSITY OF	CORAL GABLES	FL	33124	101	33
SAN PROGRAM IN DEPARTMENT OF NEC								
M	M D	M D	MICHIGAN MAIN CAMPUS U	ANN ARBOR	MI	48104	0	40
SEN PROGRAM IN DEPARTMENT OF EEN								
B M D	B M D	B M D	MISSOURI AT COLUMBIA U	COLUMBIA	MO	65201	119	22
M D	M D	B M D	UNIVERSITY OF PITTSBURGH	PITTSBURGH	PA	15213	0	60
B M D	B M D	B M D	HOUSTON UNIVERSITY OF	HOUSTON	TX	77004	0	0
SEN PROGRAM IN DEPARTMENT OF ENG								
M D	M D	M D	ILL URBANA CAMPUS U OF	URBANA	IL	61801	0	49
M	M	M	MAINE ORONO U OF	ORONO	ME	04473	0	5
M D	M D	M D	UNIVERSITY OF MISSOURI-CO	COLUMBIA	MO	65201	0	28
M D	M D	M D	CLEMSON U MAIN CAMPUS	CLEMSON	SC	29631	200	30
SEN PROGRAM IN DEPARTMENT OF IEN								
B M D	B M D	B M D	HOUSTON UNIVERSITY OF	HOUSTON	TX	77004	119	102

YEAR OFFERED AND DEGREE 1969-70	1970-71	1971-72	NAME OF INSTITUTION	CITY	STATE	ZIPCODE	MAJORS ENROLLED 1969-70 UNDERGRAD	GRADUATE
SEN PROGRAM IN DEPARTMENT OF SEN								
B M	B M	B M	SOUTH FLORIDA U OF	TAMPA	FL	33620	55	68
B M	B M	B M	BOSTON UNIVERSITY	BOSTON	MA	02215	15	12
SIS PROGRAM IN DEPARTMENT OF SIS								
M D	M D	M D	SYRACUSE UNIVERSITY	SYRACUSE	NY	13210	0	199
SYS PROGRAM IN DEPARTMENT OF SYS								
	D	D	PORTLAND STATE UNIVERSITY	PORTLAND	OR	97207	0	0

VI. SUMMARIES FROM FORM 1: LINES 03-05, 14
EXPENDITURES, SOURCES OF INCOME, FLOOR SPACE, STAFF, SERVICES BY SOURCE AND TYPES

The following variables and levels were used for summarizing the responses:

Type of Control	Highest Degree Offered	Fall 1968 Enrollment Class
1. Public	1. Associate	1. Less than 500
2. Private	2. Bachelor's	2. 500 - 2,499
	3. Master's	3. 2,500 - 9,999
	4. Doctorate	4. 10,000 -19,999
		5. 20,000 and above

Summaries for the elementary (three-way) groups, the individual levels (one-way) of the control variables, and the total population are presented provided that there were enough institutions included and/or reporting in the category to preclude identification of the institutions involved (i.e. at least two institutions must have reported in a group for the summary of that group to be included.)

Each group summary is identified by the levels of the three control variables. For example, group (Public, Associate, Below 500) identifies the summary for all public institutions offering at most the associate degree and having had an enrollment of less than 500 students during fall 1968. Since all summaries for FORM 1: lines 03-05, 14 are identical in format, only one will be discussed here as a guide. The total group is chosen for this purpose, i.e., GROUP (, ,).

Twenty one hundred three (2,103) of the 2,807 institutions (or campuses) reported on at least some part of the inventory. Thirteen hundred twenty six (1,326) reported something on FORM 1 for a total of 1,673 installations. An installation may or may not have had a computer. A few had only a terminal or access to a batch system.

Under "Use of Off-Campus Computers" (right middle of page), 101 installations reported access to computer facilities operated by cooperative or non-profit groups (other than a college or university), 307 installations reported access to the computer facilities of another college or university and 220 were users of commercial facilities.

1. Expenditures.

Twelve hundred fifty six (1256) of the 1326 institutions and 1579 of the 1673 installations reported something for "Projected Expenditures 1970-71" for a combined total of $365,201,000.

2. Source of Income by Agency for 1969-70.

Fourteen hundred nine (1409) of the 1673 installations reported that their institutions supplied $237,746,000 of their direct costs during 1969-70. Of the total income (expenditures) of $341,106,000 for 1969-70 the federal government (TOT-FED) supplied $59,290,000 to 483 installations in 358 institutions. A total of $14,948,000 (DIFF) in expenditures were not recovered through income (due to capital outlay for buildings and hardware, probably). In a few instances the institutions reported that they could not supply a breakdown by agency for income.

3. Floor Space.

Twenty five (25) installations reported that their machine rooms exceeded 6000 sq. ft., 51 used more than 6000 sq. ft. for offices, 1 used more than 6000 sq. ft. for storage and 163 installations reported that their total floor space exceeded 6000 sq. ft.

4. Staff.

These items are straight summations of the numbers reported by the installations. Twelve hundred one (1201) installations in 957 institutions reported 14,584 full time employees, etc.

5. Types of Services.

Two hundred fifty (250) installations reported that they provided remote computing services, 275 reported they provided interactive computing, etc.

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GROUP ( )

TOTAL NUMBER OF INSTITUTIONS = 2807 — TOTAL NUMBER OF INSTALLATIONS REPORTED = 1673
TOTAL NUMBER OF INSTITUTIONS REPORTING = 2103 — TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 1326

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****					********* OPERATING 1969-70 **********					TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	365201	44161	1030	13123	2004	129246	108746	3001	35137	5165	341613	243329	180895
INSTL:	1579	408	143	271	525	1307	1202	212	1096	380	1520	1209	1000
INST:	1256	387	131	244	489	1029	989	200	853	372	1200	951	780

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	237746	18795	10130	6336	3278	2594	1937	7406	88114	99290	6432	22690	14948	341106
INSTL:	1409	292	174	72	83	79	56	40	186	483	140	328	451	1520
INST:	1168	246	87	61	70	74	50	37	141	358	127	285	381	1200

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 8000	4001-8000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	25	46	180	327	1095
OFFICES	51	41	134	186	1271
STORAGE	1	3	20	40	1569
TOTAL SPACE	163	111	293	387	759

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	101
COLLEGE OR UNIV.	307
COMMERCIAL	220

** NUMBER PEOPLE — ** FULL TIME EQUIVALENT — ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	16584	7379	2305	2782	1358	1570	3124	6071	130	620	318	1534	290	3761	5171	1018	7124
INSTL:	1201	1110	1088	762	506	635	796	1048	61	383	168	722	120	886	814	447	891
INST:	957	891	889	624	430	475	636	852	57	300	147	599	109	684	674	406	741

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 250; — PROVIDE INTERACTIVE COMPUTING, 275; — PROVIDE FORTRAN, 1015
USE REMOTE COMPUTING SERVICES, 503; — USE INTERACTIVE COMPUTING, 345; — PROVIDE BASIC, 365
PROVIDE APL, 253

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GROUP (PUBLIC))

TOTAL NUMBER OF INSTITUTIONS = 1306 — TOTAL NUMBER OF INSTALLATIONS REPORTED = 1012
TOTAL NUMBER OF INSTITUTIONS REPORTING = 976 — TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 769

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********* OPERATING 1969-70 **********					TOTAL EXPENDITURES		
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	260686	32180	579	9757	1403	91715	77108	1114	22835	2701	239392	168004	124774
INSTL:	950	331	69	184	381	814	755	122	686	161	905	732	671
INST:	724	236	63	165	340	694	667	116	522	157	684	555	471

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	176554	10829	6800	2580	2046	1371	1010	4512	9508	34656	6326	13577	8279	239392
INSTL:	836	141	75	44	45	44	30	23	103	265	124	195	288	905
INST:	673	110	52	37	42	42	28	15	90	182	113	165	239	684

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 8000	4001-8000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	19	35	136	237	585
OFFICES	38	29	94	136	725
STORAGE	1	3	17	40	951
TOTAL SPACE	123	82	287	218	382

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	54
COLLEGE OR UNIV.	174
COMMERCIAL	84

** NUMBER PEOPLE — ** FULL TIME EQUIVALENT — ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	10691	4974	1518	1987	1021	1066	2282	4398	104	422	235	1052	211	2651	3447	800	5044
INSTL:	772	682	686	516	356	410	543	679	42	218	115	463	88	573	511	338	584
INST:	609	526	558	425	301	306	431	543	38	166	100	384	78	437	410	303	486

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 155; — PROVIDE INTERACTIVE COMPUTING, 171; — PROVIDE FORTRAN, 632
USE REMOTE COMPUTING SERVICES, 294; — USE INTERACTIVE COMPUTING, 185; — PROVIDE BASIC, 209
PROVIDE APL, 141

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GROUP (PRIVATE)

TOTAL NUMBER OF INSTITUTIONS = 1401 TOTAL NUMBER OF INSTALLATIONS REPORTED = 661
TOTAL NUMBER OF INSTITUTIONS REPORTING = 1124 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 557

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	104515	11981	451	3366	901	37531	31038	1847	12302	2484	102221	75325	58171
INSTL:	629	163	54	87	144	493	447	90	410	219	615	477	379
INST:	532	131	48	79	129	405	382	84	331	215	518	396	309

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	611192	7966	3310	3754	1232	1221	927	2894	3304	24634	106	7113	4469	101714
INSTL:	573	151	69	28	36	35	26	17	61	218	16	133	163	615
INST:	495	136	55	24	28	32	22	12	51	170	14	120	142	516

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	6	11	44	90	510
OFFICES	13	12	10	40	546
STORAGE	0	0	3	20	638
TOTAL SPACE	40	29	86	120	377

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	45
COLLEGE OR UNIV.	131
COMMERCIAL	134

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	4093	2405	787	815	337	524	842	1673	28	198	83	482	79	1110	1724	215	2082
INSTL:	429	428	402	248	150	225	251	369	19	147	53	259	36	313	303	109	307
INST:	388	365	331	199	129	189	205	309	19	134	47	215	31	247	284	103	255

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES, 95)	PROVIDE INTERACTIVE COMPUTING, 104)	PROVIDE FORTRAN,	383
USE REMOTE COMPUTING SERVICES, 209)	USE INTERACTIVE COMPUTING, 160)	PROVIDE BASIC,	156
		PROVIDE APL,	112

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GROUP (ASSOCIATE))

TOTAL NUMBER OF INSTITUTIONS = 1049 TOTAL NUMBER OF INSTALLATIONS REPORTED = 402
TOTAL NUMBER OF INSTITUTIONS REPORTING = 707 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 393

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	36556	4015	279	2841	277	13039	12807	256	2026	774	30114	19081	13067
INSTL:	374	85	37	49	115	284	271	46	207	87	340	245	190
INST:	366	85	37	49	115	280	266	46	201	86	332	239	186

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	28684	32	0	0	0	234	0	0	487	753	1899	2301	2417	30114
INSTL:	335	6	0	0	0	10	0	0	20	35	45	44	79	340
INST:	327	6	0	0	0	10	0	0	20	35	45	44	79	332

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	2	3	25	80	292
OFFICES	0	0	10	26	366
STORAGE	0	0	0	4	398
TOTAL SPACE	8	17	65	109	205

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	38
COLLEGE OR UNIV.	74
COMMERCIAL	69

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	1450	685	292	244	125	120	285	587	3	13	37	208	38	281	301	291	780
INSTL:	269	234	230	133	87	91	165	216	3	13	27	140	28	148	119	153	190
INST:	248	230	227	133	87	90	164	214	3	12	27	137	28	148	118	152	188

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES, 14)	PROVIDE INTERACTIVE COMPUTING, 183)	PROVIDE FORTRAN,	219
USE REMOTE COMPUTING SERVICES, 115)	USE INTERACTIVE COMPUTING, 66)	PROVIDE BASIC,	60
		PROVIDE APL,	56

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GROUP (BACHELORS))

TOTAL NUMBER OF INSTITUTIONS * 865 TOTAL NUMBER OF INSTALLATIONS REPORTED * 373
TOTAL NUMBER OF INSTITUTIONS REPORTING * 670 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL * 361

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	21011	1992	36	814	145	8496	5308	170	1382	1671	17414	11609	6253
INSTL:	344	62	16	35	59	235	228	42	186	137	325	228	140
INST:	332	62	16	35	59	295	219	42	178	135	314	220	134

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	13651	926	529	0	21	226	0	0	778	2480	52	935	296	17414
INSTL:	309	67	7	0	3	19	0	0	12	102	4	35	67	329
INST:	299	67	7	0	3	19	0	0	12	101	4	35	66	314

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	2	1	8	32	330
OFFICES	0	0	6	13	354
STORAGE	0	0	0	5	368
TOTAL SPACE	5	5	23	65	375

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	41
COLLEGE OR UNIV.	107
COMMERCIAL	79

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	783	838	229	141	82	117	175	396	7	75	29	158	13	220	637	59	352
INSTL:	188	204	177	85	41	73	84	162	7	70	22	116	9	110	141	44	127
INST:	181	197	170	81	39	69	80	157	7	70	21	112	9	111	137	42	124

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	18)	PROVIDE INTERACTIVE COMPUTING,	27)
USE REMOTE COMPUTING SERVICES,	141)	USE INTERACTIVE COMPUTING,	103)

PROVIDE FORTRAN,	191
PROVIDE BASIC,	69
PROVIDE APL,	62

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (MASTERS))

TOTAL NUMBER OF INSTITUTIONS * 553 TOTAL NUMBER OF INSTALLATIONS REPORTED * 346
TOTAL NUMBER OF INSTITUTIONS REPORTING * 481 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL * 321

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	48523	4707	147	2176	586	18289	15981	237	3492	944	48559	27153	19350
INSTL:	333	80	16	60	140	295	278	48	257	84	330	275	231
INST:	310	78	16	60	138	279	265	48	248	84	307	258	218

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	40452	1189	2	55	6	76	0	0	585	1907	387	1577	1749	46052
INSTL:	318	47	1	2	2	2	0	0	14	65	9	58	103	330
INST:	296	46	1	2	2	2	0	0	14	64	9	57	100	307

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	6	37	94	211
OFFICES	1	3	27	46	269
STORAGE	0	0	0	10	336
TOTAL SPACE	12	31	86	91	126

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	13
COLLEGE OR UNIV.	78
COMMERCIAL	50

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	2269	1386	454	481	228	165	486	958	13	75	39	238	24	521	1142	163	1120
INSTL:	282	252	268	193	132	120	195	259	13	62	31	154	15	211	212	84	226
INST:	268	236	256	188	128	115	188	247	13	62	31	150	15	202	205	84	217

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	41)	PROVIDE INTERACTIVE COMPUTING,	42)
USE REMOTE COMPUTING SERVICES,	112)	USE INTERACTIVE COMPUTING,	74)

PROVIDE FORTRAN,	226
PROVIDE BASIC,	69
PROVIDE APL,	55

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (DOCTORATE)

TOTAL NUMBER OF INSTITUTIONS = 340 TOTAL NUMBER OF INSTALLATIONS REPORTED = 552
TOTAL NUMBER OF INSTITUTIONS REPORTING = 289 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 251

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES		
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	259111	33447	568	7692	996	91422	74650	2338	38237	2376	241520	185486	142275
INSTLS	528	267	74	127	211	493	425	76	446	72	525	461	419
INSTS	248	142	62	100	160	245	239	64	234	67	247	238	272

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	154959	10648	9599	6281	3251	2084	1937	7406	6944	56150	4114	17817	10488	241526
INSTLS	447	172	116	70	78	48	56	90	118	281	82	191	202	525
INSTS	248	127	79	59	65	43	50	27	93	158	69	140	138	247

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	21	38	110	121	262
OFFICES	50	38	81	101	282
STORAGE	1	3	20	41	467
TOTAL SPACE	140	58	119	82	153

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	0
COLLEGE OR UNIV.	44
COMMERCIAL	33

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA- LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	10093	4470	1330	1916	923	1188	2178	4130	107	457	213	932	215	2739	3091	505	4874
INSTLS	462	420	413	351	248	351	370	411	38	218	88	312	78	409	342	166	348
INSTS	240	228	236	222	178	201	224	234	34	156	68	200	59	223	214	128	212

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	170	PROVIDE INTERACTIVE COMPUTING,	190
USE REMOTE COMPUTING SERVICES,	135	USE INTERACTIVE COMPUTING,	102

PROVIDE FORTRAN,	379
PROVIDE BASIC,	187
PROVIDE APL,	80

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 776 TOTAL NUMBER OF INSTALLATIONS REPORTED = 103
TOTAL NUMBER OF INSTITUTIONS REPORTING = 516 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 88

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES		
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	5417	870	28	1889	105	1793	1848	62	433	194	7222	3178	1845
INSTLS	78	11	8	12	22	53	40	8	37	29	69	44	38
INSTS	74	11	8	12	21	49	37	8	33	28	65	41	35

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	3525	28	447	0	8	74	21	0	380	956	14	787	1940	7222
INSTLS	63	8	5	0	1	5	1	0	6	20	2	15	16	89
INSTS	60	8	5	0	1	5	1	0	6	20	2	15	15	85

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	1	2	10	90
OFFICES	0	0	4	2	97
STORAGE	0	0	0	3	100
TOTAL SPACE	1	4	6	14	78

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	15
COLLEGE OR UNIV.	35
COMMERCIAL	14

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA- LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	229	84	50	43	20	13	57	73	0	13	7	45	6	53	38	31	92
INSTLS	41	40	37	25	14	10	23	35	0	12	5	27	6	26	18	17	26
INSTS	40	41	34	23	14	9	22	34	0	12	5	24	6	24	17	16	25

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	41	PROVIDE INTERACTIVE COMPUTING,	51
USE REMOTE COMPUTING SERVICES,	39	USE INTERACTIVE COMPUTING,	27

PROVIDE FORTRAN,	44
PROVIDE BASIC,	13
PROVIDE APL,	9

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (500-2499)

TOTAL NUMBER OF INSTITUTIONS = 1322 TOTAL NUMBER OF INSTALLATIONS REPORTED = 694
TOTAL NUMBER OF INSTITUTIONS REPORTING = 1008 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 671

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********* OPERATING 1969-70 **********						TOTAL EXPENDITURES PREVIOUS TWO YEARS	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
	44531	4245	221	2693	488	16134	12731	505	3567	1529	41433	25738	17555
INSTL:	652	146	42	71	140	473	450	87	368	208	609	445	331
INST:	631	143	42	70	137	456	438	86	357	207	589	428	319
(NUMBER REPORTING PER CATEGORY)													

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	31344	2003	1083	120	55	600	42	9	1007	4919	757	3107	802	40929
INSTL:	583	92	17	1	3	21	3	1	28	151	31	83	135	609
INST:	566	92	17	1	3	21	3	1	28	150	31	82	133	589
(NUMBER REPORTING PER CATEGORY)														

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 4000	4001-4000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	2	3	27	95	567
OFFICES	0	3	7	34	430
STORAGE	0	0	0	2	692
TOTAL SPACE	9	15	48	159	445

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	95
COLLEGE OR UNIV.	171
COMMERCIAL	130

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	1869	1568	478	383	149	215	396	857	18	125	58	315	39	488	1015	240	886
INSTL:	414	401	372	188	102	152	284	345	17	108	42	233	27	250	252	137	280
INST:	400	393	359	184	101	144	194	334	17	108	42	230	27	240	250	136	271
(NUMBER REPORTING PER CATEGORY)																	

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 371 PROVIDE INTERACTIVE COMPUTING, 361 PROVIDE FORTRAN, 378
USE REMOTE COMPUTING SERVICES, 240) USE INTERACTIVE COMPUTING, 169) PROVIDE BASIC, 131
PROVIDE APL, 123

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 532 TOTAL NUMBER OF INSTALLATIONS REPORTED = 513
TOTAL NUMBER OF INSTITUTIONS REPORTING = 423 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 404

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********* OPERATING 1969-70 **********						TOTAL EXPENDITURES PREVIOUS TWO YEARS	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
	111717	13288	416	3757	458	39496	36271	537	9363	1774	105558	73283	52410
INSTL:	499	159	45	103	211	456	438	66	393	99	492	415	366
INST:	398	130	42	98	194	374	363	62	317	96	393	338	300
(NUMBER REPORTING PER CATEGORY)													

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	76721	4888	2388	1814	962	337	921	1401	2899	15610	1932	4568	4724	105555
INSTL:	469	87	38	26	28	13	17	8	57	140	50	109	165	492
INST:	389	77	25	22	25	13	16	6	52	104	49	103	146	393
(NUMBER REPORTING PER CATEGORY)														

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 4000	4001-4000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	9	7	46	140	261
OFFICES	7	9	49	91	357
STORAGE	0	0	2	28	483
TOTAL SPACE	37	48	151	137	150

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	24
COLLEGE OR UNIV.	87
COMMERCIAL	67

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	4607	2259	786	828	418	464	1002	1997	45	150	98	437	96	1118	1714	357	2367
INSTL:	442	378	403	387	213	232	317	394	15	100	53	247	41	336	301	177	355
INST:	370	316	351	372	197	192	281	344	15	89	50	215	38	280	267	166	311
(NUMBER REPORTING PER CATEGORY)																	

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 84) PROVIDE INTERACTIVE COMPUTING, 84) PROVIDE FORTRAN, 345
USE REMOTE COMPUTING SERVICES, 138) USE INTERACTIVE COMPUTING, 92) PROVIDE BASIC, 112
PROVIDE APL, 68

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (10000-19999)

TOTAL NUMBER OF INSTITUTIONS * 135 TOTAL NUMBER OF INSTALLATIONS REPORTED * 204
TOTAL NUMBER OF INSTITUTIONS REPORTING * 114 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL * 113

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES	
	HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
108700	12953	249	4252	536	39125	37045	1643	11787	1266	103856	74273	58857
INSTL: 196	98	28	56	91	186	172	34	171	29	198	177	163
INST: 114	57	24	44	81	111	112	30	108	28	114	105	98

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	67982	6577	2163	2528	1194	1118	610	2026	2436	18644	1397	7008	8825	103856
INSTL:	179	60	36	24	33	25	20	16	46	93	33	75	76	198
INST:	114	46	27	22	28	21	17	12	38	60	30	59	61	114

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	2	17	62	51	72
OFFICES	23	18	42	41	40
STORAGE	1	2	4	17	180
TOTAL SPACE	64	33	46	22	39

** USE OF OFF-CAMPUS COMPUTERS

COOP, OR NON-PROFIT	3
COLLEGE OR UNIV.	13
COMMERCIAL	9

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

FULL TIME	PART TIME	MGMT	CLRK	ANA- LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
4203	1854	554	819	398	428	883	1691	95	152	88	413	49	1140	1252	189	2110
INSTL: 174	172	167	152	113	135	156	169	16	78	39	130	22	158	146	65	146
INST: 109	107	106	106	86	94	102	111	15	62	32	95	22	102	103	56	98

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	78)	PROVIDE INTERACTIVE COMPUTING,	73)	PROVIDE FORTRAN,	140
USE REMOTE COMPUTING SERVICES,	62)	USE INTERACTIVE COMPUTING,	30)	PROVIDE BASIC,	63
				PROVIDE APL,	31

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (ABOVE 20000)

TOTAL NUMBER OF INSTITUTIONS * 42 TOTAL NUMBER OF INSTALLATIONS REPORTED * 159
TOTAL NUMBER OF INSTITUTIONS REPORTING * 39 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL * 39

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES	
	HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
94836	12805	116	1132	299	32698	25851	254	9987	402	83544	66857	50508
INSTL: 154	84	20	31	61	139	112	19	127	15	152	128	110
INST: 39	26	15	20	36	39	39	14	38	13	39	39	38

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	58174	5501	4049	1874	1059	487	343	3770	2098	19161	2332	5220	-1343	83544
INSTL:	115	45	28	21	18	13	15	15	29	79	24	46	59	152
INST:	39	23	13	16	15	12	13	8	17	24	15	26	28	39

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	12	18	23	31	75
OFFICES	21	11	22	18	87
STORAGE	0	1	14	10	134
TOTAL SPACE	52	11	24	35	47

** USE OF OFF-CAMPUS COMPUTERS

COOP, OR NON-PROFIT	2
COLLEGE OR UNIV.	6
COMMERCIAL	5

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

FULL TIME	PART TIME	MGMT	CLRK	ANA- LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
3676	1614	437	789	375	470	786	1453	42	180	77	324	100	962	1152	201	1671
INSTL: 128	115	109	90	64	106	94	115	13	65	29	85	24	116	97	51	84
INST: 38	34	39	39	32	36	37	39	10	31	18	35	16	38	37	32	36

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	49)	PROVIDE INTERACTIVE COMPUTING,	57)	PROVIDE FORTRAN,	108
USE REMOTE COMPUTING SERVICES,	44)	USE INTERACTIVE COMPUTING,	37)	PROVIDE BASIC,	46
				PROVIDE APL,	22

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) ASSOCIATE/BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 190
TOTAL NUMBER OF INSTITUTIONS REPORTING = 122
TOTAL NUMBER OF INSTALLATIONS REPORTED = 58
TOTAL NUMBER OF INSTITUTIONS HAVING INSTAL = 37

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES	
	HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
1679	485	6	1356	42	491	668	13	186	32	3247	708	345
INSTL: 25	4	4	4	11	19	15	4	14	7	22	14	10
INST: 24	4	4	4	11	19	14	4	13	6	21	13	9
(NUMBER REPORTING PER CATEGORY)												

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	OFF	TOTAL
	1191	10	0	0	0	39	0	0	109	153	10	159	1754	3267
INSTL:	21	2	0	0	0	3	0	0	2	6	1	4	6	23
INST:	20	2	0	0	0	3	0	0	2	6	1	4	6	21
(NUMBER REPORTING PER CATEGORY)														

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	3	4	32
OFFICES	0	0	1	1	28
STORAGE	0	0	0	0	38
TOTAL SPACE	0	1	3	7	27

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	4
COLLEGE OR UNIV.	12
COMMERCIAL	4

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
70	35	19	13	5	1	19	30	0	2	2	12	3	14	13	23	37
INSTL: 18	18	16	9	5	1	10	11	0	2	2	10	3	10	7	10	13
INST: 18	17	15	9	5	1	10	11	0	2	2	9	3	10	6	10	13
(NUMBER REPORTING PER CATEGORY)																

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 12
USE REMOTE COMPUTING SERVICES, 143
PROVIDE INTERACTIVE COMPUTING, 11
USE INTERACTIVE COMPUTING, 91
PROVIDE FORTRAN, 19
PROVIDE BASIC, 4
PROVIDE APL, 5

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) ASSOCIATE/500-2999)

TOTAL NUMBER OF INSTITUTIONS = 398
TOTAL NUMBER OF INSTITUTIONS REPORTING = 278
TOTAL NUMBER OF INSTALLATIONS REPORTED = 196
TOTAL NUMBER OF INSTITUTIONS HAVING INSTAL = 196

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES	
	HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
11940	1795	41	915	86	4981	5958	104	647	284	11469	6134	4772
INSTL: 187	42	16	22	46	131	139	19	93	36	161	109	82
INST: 187	42	16	22	46	131	139	19	93	36	161	109	82
(NUMBER REPORTING PER CATEGORY)												

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	OFF	TOTAL
	9639	20	0	0	0	5	0	0	183	208	503	970	129	11449
INSTL:	159	3	0	0	0	3	0	0	9	14	24	21	34	101
INST:	159	3	0	0	0	3	0	0	9	14	24	21	34	101
(NUMBER REPORTING PER CATEGORY)														

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	2	1	11	37	145
OFFICES	0	0	2	5	109
STORAGE	0	0	0	1	105
TOTAL SPACE	4	4	23	54	111

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	17
COLLEGE OR UNIV.	31
COMMERCIAL	37

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
472	276	114	81	37	49	101	168	1	1	18	102	14	110	109	108	206
INSTL: 125	104	101	53	30	39	57	92	1	1	14	69	9	64	69	65	79
INST: 125	104	101	53	30	39	57	92	1	1	14	69	9	64	69	65	79
(NUMBER REPORTING PER CATEGORY)																

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 33
USE REMOTE COMPUTING SERVICES, 593
PROVIDE INTERACTIVE COMPUTING, 93
USE INTERACTIVE COMPUTING, 353
PROVIDE FORTRAN, 189
PROVIDE BASIC, 34
PROVIDE APL, 31

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) ASSOCIATE)2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 168 TOTAL NUMBER OF INSTALLATIONS REPORTED = 120
TOTAL NUMBER OF INSTITUTIONS REPORTING = 122 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 114

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES PREVIOUS TWO YEARS	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
	17141	1348	178	662	125	6511	5741	123	89-	424	16003	9190	6305
INSTL)	110	32	11	20	48	100	98	16	75	30	113	93	73
INST)	110	32	11	20	48	98	95	16	71	30	107	89	71

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	DE	DHR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	12755	0	0	0	0	175	0	0	172	349	1245	1070	584	16003
INSTL)	113	1	0	0	0	4	0	0	7	12	18	15	32	213
INST)	106	1	0	0	0	4	0	0	7	12	18	15	32	107

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 4000	4001-4000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	7	35	78
OFFICES	0	0	4	16	100
STORAGE	0	0	0	3	117
TOTAL SPACE	1	6	34	42	37

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	19
COLLEGE OR UNIV.	25
COMMERCIAL	19

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	713	283	124	114	68	48	132	298	1	7	11	77	15	127	133	123	428
INSTL)	100	61	89	56	44		64	88	1	7	7	49	10	61	51	62	81
INST)	99	78	88	56	44	36		87	1	6	7	47	10	61	51	61	80

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	73	PROVIDE INTERACTIVE COMPUTING,	53
USE REMOTE COMPUTING SERVICES,	343	USE INTERACTIVE COMPUTING,	153

PROVIDE FORTRAN,	68
PROVIDE BASIC,	15
PROVIDE APL,	11

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) ASSOCIATE)10000-19999)

TOTAL NUMBER OF INSTITUTIONS = 28 TOTAL NUMBER OF INSTALLATIONS REPORTED = 19
TOTAL NUMBER OF INSTITUTIONS REPORTING = 18 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 17

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES PREVIOUS TWO YEARS	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
	4066	283	44	104	17	1367	1740	9	206	42	3812	2069	932
INSTL)	18	4	3	1	7	15	16	3	13	4	18	14	11
INST)	17	4	3	1	7	14	15	3	12	4	17	13	10

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	DE	DHR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	3558	0	0	0	0	0	0	0	14	14	141	152	-55	3812
INSTL)	18	0	0	0	0	0	0	0	1	1	2	3	6	18
INST)	17	0	0	0	0	0	0	0	1	1	2	3	6	17

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 4000	4001-4000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	4	4	11
OFFICES	0	0	2	4	13
STORAGE	0	0	0	0	19
TOTAL SPACE	0	4	5	3	7

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	0
COLLEGE OR UNIV.	3
COMMERCIAL	

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	119	59	14	25	11	16	20	58	1	1	1	6	4	15	24	25	86
INSTL)	17	13	11	10	6	8	9	15	1	1	1	4	2	6	7	9	10
INST)	12	13	10	10	6	7	8	14	1	1	1	4	2	6	7	9	9

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	3)	PROVIDE INTERACTIVE COMPUTING,	1)
USE REMOTE COMPUTING SERVICES,	1)	USE INTERACTIVE COMPUTING,	2)

PROVIDE FORTRAN,	12
PROVIDE BASIC,	1
PROVIDE APL,	5

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) BACHELORS/BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 13
TOTAL NUMBER OF INSTITUTIONS REPORTING = 12
TOTAL NUMBER OF INSTALLATIONS REPORTED = 11
TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 8

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
	HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
769	154	2	421	23	278	228	0	21	0	1127	258	180
INSTL: 6	2	1	1	1	6	4	0	5	0	6	3	3
INST: 3	1	1	1	2	3	2	0	2	0	3	1	1

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	928	0	3	0	8	0	0	0	0	11	0	20	168	1127
INSTL:	5	0	1	0	1	0	0	0	0	1	0	1	3	6
INST:	3	0	1	0	1	0	0	0	0	1	0	1	2	3

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	0	2	9
OFFICES	0	0	0	1	10
STORAGE	0	0	0	0	11
TOTAL SPACE	0	0	2	1	8

** USE OF OFF-CAMPUS COMPUTERS

COOP, OR NON-PROFIT 0
COLLEGE OR UNIV, COMMERCIAL 4

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
33	11	4	8	4	4	8	10	0	0	4	11	0	8	2	3	6
INSTL: 6	4	4	4	2	3	3	3	0	0	2	4	0	4	2	3	2
INST: 3	2	2	2	2	2	2	2	0	0	2	2	0	2	2	2	1

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	0)	PROVIDE INTERACTIVE COMPUTING,	0)	PROVIDE FORTRAN,	1
USE REMOTE COMPUTING SERVICES,	6)	USE INTERACTIVE COMPUTING,	3)	PROVIDE BASIC,	0
				PROVIDE APL,	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) BACHELORS/500-2499)

TOTAL NUMBER OF INSTITUTIONS = 78
TOTAL NUMBER OF INSTITUTIONS REPORTING = 68
TOTAL NUMBER OF INSTALLATIONS REPORTED = 51
TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 49

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
	HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
2956	151	1	26	27	1301	796	22	196	49	2339	1439	842
INSTL: 47	7	1	10	16	33	33	8	33	12	40	34	24
INST: 45	7	1	10	13	32	32	8	32	12	39	34	24

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	2015	25	140	0	0	52	0	0	31	248	2	17	57	2339
INSTL:	37	5	1	0	0	4	0	0	1	11	1	2	7	40
INST:	36	5	1	0	0	4	0	0	1	11	1	2	7	39

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	4	4	43
OFFICES	0	0	1	2	48
STORAGE	0	0	0	0	51
TOTAL SPACE	1	1	5	8	36

** USE OF OFF-CAMPUS COMPUTERS

COOP, OR NON-PROFIT 3
COLLEGE OR UNIV, COMMERCIAL 18 5

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
128	118	33	19	10	9	30	72	2	11	3	25	0	29	69	16	63
INSTL: 31	28	30	17	5	9	15	29	2	9	3	21	0	18	21	10	19
INST: 30	27	29	17	5	9	15	28	2	9	3	21	0	18	21	10	19

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES	0)	PROVIDE INTERACTIVE COMPUTING,	2)	PROVIDE FORTRAN,	27
USE REMOTE COMPUTING SERVICES	24)	USE INTERACTIVE COMPUTING,	16)	PROVIDE BASIC,	9
				PROVIDE APL,	13

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) BACHELORS(2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 26 TOTAL NUMBER OF INSTALLATIONS REPORTED = 19
TOTAL NUMBER OF INSTITUTIONS REPORTING = 18 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 17

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES PREVIOUS TWO YEARS	
	HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
3759	798	5	26	23	1114	698	4	388	232	3288	3564	1578
INSTL: 19	5	2	2	7	14	16	3	12	5	17	13	12
INST: 17	5	2	2	6	12	14	3	10	4	15	11	10

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	2783	20	0	0	0	0	0	0	425	445	47	26	-13	3288
INSTL:	17	1	0	0	0	0	0	0	2	3	2	3	6	17
INST:	15	1	0	0	0	0	0	0	2	3	2	3	6	15

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	1	1	1	4	12
OFFICES	0	0	2	1	16
STORAGE	0	0	0	1	16
TOTAL SPACE	2	1	2	6	6

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	1
COLLEGE OR UNIV.	4
COMMERCIAL	5

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
149	50	29	22	9	14	28	69	0	4	6	18	3	31	39	12	75
INSTL: 15	13	13	10	5	7	13	13	0	3	3	11	1	11	8	7	14
INST: 13	12	11	8	4	6	11	11	0	3	3	9	1	9	7	6	12

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 3) PROVIDE INTERACTIVE COMPUTING, 3) PROVIDE FORTRAN, 13
USE REMOTE COMPUTING SERVICES, 9) USE INTERACTIVE COMPUTING, 4) PROVIDE BASIC, 5
PROVIDE APL, 4

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) MASTERS(BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 7 TOTAL NUMBER OF INSTALLATIONS REPORTED = 2
TOTAL NUMBER OF INSTITUTIONS REPORTING = 6 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 2

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES PREVIOUS TWO YEARS	
	HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
191	0	0	0	0	17	0	0	37	18	72	3	4
INSTL: 2	0	0	0	0	1	0	0	1	2	2	1	1
INST: 2	0	0	0	0	1	0	0	1	2	2	1	1

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	68	0	0	0	0	0	0	0	0	0	4	0	0	72
INSTL:	2	0	0	0	0	0	0	0	0	0	1	0	0	2
INST:	2	0	0	0	0	0	0	0	0	0	1	0	0	2

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	0	0	2
OFFICES	0	0	0	0	2
STORAGE	0	0	0	0	2
TOTAL SPACE	0	0	0	0	2

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	1
COLLEGE OR UNIV.	0
COMMERCIAL	9

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
3	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0
INSTL: 1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0
INST: 1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 0) PROVIDE INTERACTIVE COMPUTING, 0) PROVIDE FORTRAN, 1
USE REMOTE COMPUTING S[illegible] INTERACTIVE COMPUTING, 2) PROVIDE BASIC, 1
PROVIDE APL, 0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) MASTERS) 500-2499 1

TOTAL NUMBER OF INSTITUTIONS * 46
TOTAL NUMBER OF INSTITUTIONS REPORTING * 37
TOTAL NUMBER OF INSTALLATIONS REPORTED * 29
TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL * 29

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	2265	36	65	132	43	843	893	10	157	10	2209	1167	371
INSTL*	24	5	3	5	14	24	23	5	22	2	25	15	10
INST*	24	5	3	5	14	24	23	5	22	2	25	15	10

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	1469	10	0	0	0	83	0	0	430	583	40	0	197	2209
INSTL*	24	2	0	0	0	1	0	0	2	5	1	0	8	25
INST*	24	2	0	0	0	1	0	0	2	5	1	0	8	25

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	2	7	20
OFFICES	0	0	0	4	25
STORAGE	0	0	0	0	26
TOTAL SPACE	0	1	4	12	12

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	0
COLLEGE OR UNIV.	10
COMMERCIAL	1

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	102	109	31	27	12	6	22	55	1	7	2	12	2	19	100	5	35
INSTL*	23	20	23	15	6	4	15	19	1	6	1	11	2	11	16	4	16
INST*	23	20	23	15	6	4	15	19	1	6	1	11	2	11	16	4	16

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	23	PROVIDE INTERACTIVE COMPUTING,	23
USE REMOTE COMPUTING SERVICES,	103	USE INTERACTIVE COMPUTING,	71

PROVIDE FORTRAN,	17
PROVIDE BASIC,	3
PROVIDE APL,	6

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) MASTERS) 2500-9999 2

TOTAL NUMBER OF INSTITUTIONS * 145
TOTAL NUMBER OF INSTITUTIONS REPORTING * 117
TOTAL NUMBER OF INSTALLATIONS REPORTED * 122
TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL * 114

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	22128	1627	3	399	126	8352	7721	59	1379	157	19823	11840	8291
INSTL*	119	28	2	21	56	116	109	16	98	19	119	102	94
INST*	112	28	2	21	56	110	104	16	92	19	112	98	93

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	17993	211	0	53	6	0	0	0	80	330	210	197	1093	19823
INSTL*	116	15	0	1	2	0	0	0	4	22	5	18	37	119
INST*	110	14	0	1	2	0	0	0	4	21	5	17	37	112

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	1	23	45	53
OFFICES	0	1	13	25	23
STORAGE	0	0	0	6	116
TOTAL SPACE	5	10	49	29	24

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	6
COLLEGE OR UNIV.	27
COMMERCIAL	9

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	1059	471	181	195	109	59	207	436	3	24	21	93	6	231	404	76	511
INSTL*	111	89	103	82	42	46	79	104	3	20	17	59	4	85	85	35	92
INST*	106	84	101	81	40	44	78	100	3	20	17	58	4	84	82	35	91

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	153	PROVIDE INTERACTIVE COMPUTING,	141
USE REMOTE COMPUTING SERVICES,	339	USE INTERACTIVE COMPUTING,	227

PROVIDE FORTRAN,	88
PROVIDE BASIC,	22
PROVIDE APL,	18

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC MASTERS) 10000-19999)

TOTAL NUMBER OF INSTITUTIONS = 28 TOTAL NUMBER OF INSTALLATIONS REPORTED = 27
TOTAL NUMBER OF INSTITUTIONS REPORTING = 20 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 20

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****					********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	8130	390	12	630	120	3029	2700	30	635	60	7606	4976	4844
INSTL:	27	7	3	10	17	24	24	6	25	5	27	24	22
INST:	20	6	3	10	17	20	20	6	20	5	20	19	17

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	7173	48	0	0	0	7	0	0	18	73	110	23	227	7606
INSTL:	27	3	0	0	0	1	0	0	3	6	1	4	13	27
INST:	20	3	0	0	0	1	0	0	3	6	1	4	12	20

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	1	4	11	9
OFFICES	0	0	9	3	15
STORAGE	0	0	0	0	27
TOTAL SPACE	3	4	8	6	4

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	8
COLLEGE OR UNIV.	9
COMMERCIAL	1

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	376	101	54	74	42	31	86	154	2	3	4	31	5	97	179	19	168
INSTL:	23	20	23	21	18	18	20	23	2	3	3	19	2	24	22	9	22
INST:	20	17	20	20	17	15	18	20	2	3	3	18	2	19	20	9	19

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 6) PROVIDE INTERACTIVE COMPUTING, 4) PROVIDE FORTRAN, 21
USE REMOTE COMPUTING SERVICES, 6) USE INTERACTIVE COMPUTING, 3) PROVIDE BASIC, 5
PROVIDE APL, 3

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC MASTERS) ABOVE 20000)

TOTAL NUMBER OF INSTITUTIONS = 4 TOTAL NUMBER OF INSTALLATIONS REPORTED = 5
TOTAL NUMBER OF INSTITUTIONS REPORTING = 4 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 4

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****					********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	2299	960	0	55	23	707	749	0	216	48	2758	1322	697
INSTL:	5	1	0	2	4	5	5	0	5	2	5	5	4
INST:	4	1	0	2	3	4	4	0	4	2	4	4	3

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	2790	0	2	2	0	0	0	0	0	4	0	0	-36	2758
INSTL:	5	0	1	1	0	0	0	0	0	1	0	0	2	5
INST:	4	0	1	1	0	0	0	0	0	1	0	0	2	4

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	1	0	4	0
OFFICES	1	1	1	1	1
STORAGE	0	0	0	1	4
TOTAL SPACE	3	1	1	0	0

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	1
COLLEGE OR UNIV.	3
COMMERCIAL	1

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	80	23	15	29	9	4	23	44	0	3	0	8	0	14	43	11	48
INSTL:	4	3	5	5	2	2	5	5	0	3	0	3	0	5	4	3	5
INST:	3	3	4	4	2	2	4	4	0	3	0	3	0	4	4	3	4

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 1) PROVIDE INTERACTIVE COMPUTING, 1) PROVIDE FORTRAN, 4
USE REMOTE COMPUTING SERVICES, 3) USE INTERACTIVE COMPUTING, 1) PROVIDE BASIC, 2
PROVIDE APL, 0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) DOCTORATE)BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 9 TOTAL NUMBER OF INSTALLATIONS REPORTED = 5
TOTAL NUMBER OF INSTITUTIONS REPORTING = 7 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 5

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	477	3	0	2	2	113	84	20	20	9	253	172	70
INSTL!	4	1	0	1	2	3	3	1	3	1	3	3	1
INST!	4	1	0	1	2	3	3	1	3	1	3	3	1
(NUMBER REPORTING PER CATEGORY)													

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	184	0	70	0	0	0	0	0	0	70	0	0	-1	253
INSTL!	3	0	1	0	0	0	0	0	0	1	0	0	1	3
INST!	3	0	1	0	0	0	0	0	0	1	0	0	1	3
(NUMBER REPORTING PER CATEGORY)														

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	0	0	5
OFFICES	0	0	0	0	5
STORAGE	0	0	0	0	5
TOTAL SPACE	0	0	0	1	4

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	1
COLLEGE OR UNIV.	5
COMMERCIAL	1

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	14	3	2	2	4	1	3	5	0	2	0	3	1	2	2	1	8
INSTL!	3	3	2	2	2	1	2	2	0	1	0	2	1	1	1	1	3
INST!	3	3	2	2	2	1	2	2	0	1	0	2	1	1	1	1	3
(NUMBER REPORTING PER CATEGORY)																	

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	0)	PROVIDE INTERACTIVE COMPUTING,	1)
USE REMOTE COMPUTING SERVICES,	2)	USE INTERACTIVE COMPUTING,	1)

PROVIDE FORTRAN,	2
PROVIDE BASIC,	0
PROVIDE APL,	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) DOCTORATE)500-2499)

TOTAL NUMBER OF INSTITUTIONS = 24 TOTAL NUMBER OF INSTALLATIONS REPORTED = 27
TOTAL NUMBER OF INSTITUTIONS REPORTING = 20 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 20

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	7987	434	45	195	17	3419	1881	114	831	91	6827	4773	4206
INSTL!	24	10	2	4	7	24	20	5	19	5	34	21	19
INST!	17	9	2	3	7	17	16	5	15	5	17	16	14
(NUMBER REPORTING PER CATEGORY)													

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	4965	28	639	0	0	325	10	9	204	1215	265	417	25	6827
INSTL!	20	2	9	0	0	1	1	1	4	12	3	5	9	24
INST!	16	2	9	0	0	1	1	1	4	12	3	5	9	17
(NUMBER REPORTING PER CATEGORY)														

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	1	3	8	15
OFFICES	0	2	2	6	17
STORAGE	0	0	0	0	27
TOTAL SPACE	3	2	7	5	10

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	1
COLLEGE OR UNIV.	7
COMMERCIAL	

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	372	68	43	37	28	38	92	153	1	21	3	28	5	98	58	36	177
INSTL!	24	16	20	17	11	18	22	20	1	12	3	11	3	19	15	9	22
INST!	17	14	16	15	10	13	15	16	1	11	3	10	3	15	15	8	17
(NUMBER REPORTING PER CATEGORY)																	

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	6)	PROVIDE INTERACTIVE COMPUTING,	8)
USE REMOTE COMPUTING SERVICES,	8)	USE INTERACTIVE COMPUTING,	7)

PROVIDE FORTRAN,	18
PROVIDE BASIC,	7
PROVIDE APL,	2

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) DOCTORATE)2500-9999)

TOTAL NUMBER OF INSTITUTIONS * 51 TOTAL NUMBER OF INSTALLATIONS REPORTED * 98
TOTAL NUMBER OF INSTITUTIONS REPORTING * 49 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL * 49

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
	HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
25956	4087	54	1116	127	9195	8568	138	2316	161	20162	17672	14303
INSTL: 93	51	15	29	43	92	73	10	71	8	91	79	73
INST: 49	31	12	22	34	48	47	8	45	6	49	45	42

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	19632	1411	1384	423	328	28	337	44	896	4863	378	2500	1789	29162
INSTL:	82	28	19	7	6	1	8	1	14	44	16	32	40	91
INST:	49	23	10	5	6	1	8	1	14	27	16	28	27	49

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	3	4	17	35	46
OFFICES	3	3	17	23	52
STORAGE	0	0	1	8	89
TOTAL SPACE	15	12	30	14	27

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	7
COLLEGE OR UNIV.	17
COMMERCIAL	7

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

FULL TIME	PART TIME	MGMT	CLRK	ANA- LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	M-S DIPL
1092	641	180	196	94	142	278	495	37	67	38	97	24	334	461	77	508
INSTL: 77	75	67	59	38	56	62	70	7	38	11	48	12	72	60	31	58
INST: 47	47	47	44	33	41	45	48	7	38	9	37	11	45	42	24	41

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	25)	PROVIDE INTERACTIVE COMPUTING,	28)	PROVIDE FORTRAN,	48
USE REMOTE COMPUTING SERVICES,	33)	USE INTERACTIVE COMPUTING,	17)	PROVIDE BASIC,	35
				PROVIDE APL,	11

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) DOCTORATE)10000-19999)

TOTAL NUMBER OF INSTITUTIONS * 61 TOTAL NUMBER OF INSTALLATIONS REPORTED * 100
TOTAL NUMBER OF INSTITUTIONS REPORTING * 56 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL * 56

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
	HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
59622	8415	80	3042	343	31177	19542	244	5958	801	56802	39664	29724
INSTL: 96	55	10	27	48	93	87	12	85	13	96	89	84
INST: 57	38	10	24	42	57	57	11	56	13	57	53	51

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	40808	3774	567	630	675	212	382	669	1080	7977	1099	3118	3808	56802
INSTL:	88	41	19	16	20	14	11	6	25	53	25	45	30	96
INST:	57	33	18	14	19	13	10	5	24	40	23	38	28	57

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	1	10	35	24	30
OFFICES	14	13	22	21	30
STORAGE	1	2	3	11	83
TOTAL SPACE	41	17	18	7	17

** USE OF OFF-CAMPUS COMPUTERS

COOP, OR NON-PROFIT	3
COLLEGE OR UNIV.	5
COMMERCIAL	3

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

FULL TIME	PART TIME	MGMT	CLRK	ANA- LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	M-S DIPL
2289	1219	302	435	227	215	499	1003	13	94	46	234	33	843	854	82	1135
INSTL: 87	89	84	79	61	68	86	84	10	51	20	69	15	81	78	33	73
INST: 57	57	56	56	46	53	57	57	9	44	18	55	15	57	57	28	50

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	40)	PROVIDE INTERACTIVE COMPUTING,	43)	PROVIDE FORTRAN,	49
USE REMOTE COMPUTING SERVICES,	21)	USE INTERACTIVE COMPUTING,	18)	PROVIDE BASIC,	37
				PROVIDE APL,	14

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) DOCTORATE)ABOVE 20000)

TOTAL NUMBER OF INSTITUTIONS = 32 TOTAL NUMBER OF INSTALLATIONS REPORTED = 142
TOTAL NUMBER OF INSTITUTIONS REPORTING = 31 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 31

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	86328	11214	37	1078	254	29621	23248	224	8931	323	74928	62420	47079
INSTL=	137	77	15	28	51	123	99	15	111	10	135	113	97
INST=	31	23	12	17	29	31	31	12	30	10	31	31	31

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	50936	5270	3995	1472	1029	687	301	3770	1887	18191	2332	4908	-1439	74928
INSTL=	99	40	24	19	16	13	12	15	25	73	24	42	54	135
INST=	31	21	11	14	12	11	8	15	21	15	24	22	31	31

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	12	14	21	23	72
OFFICES	20	9	17	13	63
STORAGE	0	1	13	9	119
TOTAL SPACE	44	8	21	23	46

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	1
COLLEGE OR UNIV.	3
COMMERCIAL	9

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	3374	1447	385	692	355	430	725	1397	42	171	76	294	96	882	922	184	1541
INSTL=	113	102	93	75	57	93	80	100	13	57	28	72	22	100	84	46	72
INST=	31	28	31	31	27	30	29	31	10	25	17	28	13	30	29	27	29

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	43	PROVIDE INTERACTIVE COMPUTING,	49
USE REMOTE COMPUTING SERVICES,	36	USE INTERACTIVE COMPUTING,	24

PROVIDE FORTRAN,	95
PROVIDE BASIC,	39
PROVIDE APL,	17

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE)ASSOCIATE)BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 174 TOTAL NUMBER OF INSTALLATIONS REPORTED = 11
TOTAL NUMBER OF INSTITUTIONS REPORTING = 108 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 11

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	119	0	0	3	0	43	12	0	3	18	79	30	10
INSTL=	10	0	0	1	0	5	2	0	2	5	9	4	3
INST=	10	0	0	1	0	5	2	0	2	5	9	4	3

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	57	0	0	0	0	0	0	0	12	12	0	10	0	79
INSTL=	8	0	0	0	0	0	0	0	1	1	0	1	0	9
INST=	8	0	0	0	0	0	0	0	1	1	0	1	0	9

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	1	0	0	10
OFFICES	0	0	0	0	11
STORAGE	0	0	0	0	11
TOTAL SPACE	0	1	0	0	10

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	2
COLLEGE OR UNIV.	3
COMMERCIAL	3

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	1	8	1	1	0	0	0	1	0	1	0	3	1	3	0	0	0
INSTL=	1	5	1	1	0	0	0	1	0	1	0	2	1	2	0	0	0
INST=	1	5	1	1	0	0	0	1	0	1	0	2	1	2	0	0	0

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	0	PROVIDE INTERACTIVE COMPUTING,	0
USE REMOTE COMPUTING SERVICES,	4	USE INTERACTIVE COMPUTING,	3

PROVIDE FORTRAN,	4
PROVIDE BASIC,	3
PROVIDE APL,	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE/ASSOCIATE/500-2499)

TOTAL NUMBER OF INSTITUTIONS = 84 TOTAL NUMBER OF INSTALLATIONS REPORTED = 16
TOTAL NUMBER OF INSTITUTIONS REPORTING = 59 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 16

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	CAPITAL 1969-70				OPERATING 1969-70						TOTAL EXPENDITURES PREVIOUS TWO YEARS	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
	562	104	4	1	2	252	171	7	41	14	596	370	225
INSTL:	16	3	2	1	2	12	9	5	8	5	15	10	9
INST:	16	3	2	1	2	12	9	5	8	5	15	10	9

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	576	0	0	0	0	15	0	0	0	15	0	0	5	596
INSTL:	15	0	0	0	0	1	0	0	0	1	0	0	1	15
INST:	15	0	0	0	0	1	0	0	0	1	0	0	1	15

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	1	0	15
OFFICES	0	0	0	0	14
STORAGE	0	0	0	0	16
TOTAL SPACE	0	1	0	3	12

** USE OF OFF-CAMPUS COMPUTERS

COOP, OR NON-PROFIT	0
COLLEGE OR UNIV.	9
COMMERCIAL	5

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	27	23	12	3	1	7	4	9	0	0	5	4	1	6	7	7	9
INSTL:	11	12	10	3	1	6	4	7	0	0	3	4	1	4	4	6	5
INST:	11	12	10	3	1	6	4	7	0	0	3	4	1	4	4	6	5

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	0)	PROVIDE INTERACTIVE COMPUTING,	2)
USE REMOTE COMPUTING SERVICES,	2)	USE INTERACTIVE COMPUTING,	1)

PROVIDE FORTRAN,	6
PROVIDE BASIC,	3
PROVIDE APL,	3

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE/BACHELORS/BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 240 TOTAL NUMBER OF INSTALLATIONS REPORTED = 26
TOTAL NUMBER OF INSTITUTIONS REPORTING = 170 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 26

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	CAPITAL 1969-70				OPERATING 1969-70						TOTAL EXPENDITURES PREVIOUS TWO YEARS	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
	1441	28	6	24	7	551	585	23	107	67	1358	899	632
INSTL:	22	3	2	3	2	12	9	2	7	10	19	9	4
INST:	22	3	2	3	2	12	9	2	7	10	19	9	4

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	315	10	344	0	0	35	0	0	255	644	0	432	7	1398
INSTL:	16	5	2	0	0	2	0	0	2	9	0	5	2	19
INST:	16	5	2	0	0	2	0	0	2	9	0	5	2	19

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	0	1	23
OFFICES	0	0	2	0	24
STORAGE	0	0	0	2	24
TOTAL SPACE	1	1	1	2	21

** USE OF OFF-CAMPUS COMPUTERS

COOP, OR NON-PROFIT	6
COLLEGE OR UNIV.	9
COMMERCIAL	5

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	74	14	15	14	5	3	21	20	0	4	1	10	1	21	17	0	22
INSTL:	8	10	8	5	3	3	5	5	0	4	1	6	1	6	5	0	6
INST:	8	10	8	5	3	3	5	5	0	4	1	6	1	6	5	0	6

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	1)	PROVIDE INTERACTIVE COMPUTING,	3)
USE REMOTE COMPUTING SERVICES,	7)	USE INTERACTIVE COMPUTING,	6)

PROVIDE FORTRAN,	11
PROVIDE BASIC,	5
PROVIDE APL,	2

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE/BACHELORS/500-2499)

TOTAL NUMBER OF INSTITUTIONS = 487 TOTAL NUMBER OF INSTALLATIONS REPORTED = 249
TOTAL NUMBER OF INSTITUTIONS REPORTING = 393 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 246

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES PREVIOUS TWO YEARS	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
	7380	846	22	292	60	2416	2189	107	401	688	7221	4813	2638
INSTL=	233	43	10	17	28	153	150	24	116	108	226	159	111
INST=	230	43	10	17	28	151	148	24	114	105	223	156	109
(NUMBER REPORTING PER CATEGORY)													

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	5615	828	42	0	13	139	0	0	67	1089	0	233	284	7221
INSTL=	217	53	3	0	2	13	0	0	7	75	0	22	43	226
INST=	214	53	3	0	2	13	0	0	7	74	0	22	43	223
(NUMBER REPORTING PER CATEGORY)														

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	2	19	228
OFFICES	0	0	0	8	243
STORAGE	0	0	0	0	249
TOTAL SPACE	0	1	10	44	194

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	31
COLLEGE OR UNIV.	69
COMMERCIAL	61

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	280	577	121	56	20	53	49	169	5	53	12	75	9	89	437	24	147
INSTL=	113	135	106	39	20	42	39	97	5	51	11	67	7	67	92	20	74
INST=	112	134	105	39	20	41	39	96	5	51	11	67	7	66	91	20	74
(NUMBER REPORTING PER CATEGORY)																	

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	10)	PROVIDE INTERACTIVE COMPUTING,	18)
USE REMOTE COMPUTING SERVICES,	92)	USE INTERACTIVE COMPUTING,	71)

PROVIDE FORTRAN,	130
PROVIDE BASIC,	47
PROVIDE APL,	40

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE/BACHELORS/2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 21 TOTAL NUMBER OF INSTALLATIONS REPORTED = 17
TOTAL NUMBER OF INSTITUTIONS REPORTING = 17 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 15

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES PREVIOUS TWO YEARS	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
	2716	15	0	25	5	1036	812	14	99	35	2041	636	383
INSTL=	17	2	0	2	3	17	14	3	13	4	17	10	6
INST=	15	2	0	2	3	15	14	3	13	4	15	9	6
(NUMBER REPORTING PER CATEGORY)													

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	1995	43	0	0	0	0	0	0	0	43	1	207	-207	2041
INSTL=	17	3	0	0	0	0	0	0	0	3	1	2	6	17
INST=	15	3	0	0	0	0	0	0	0	3	1	2	6	15
(NUMBER REPORTING PER CATEGORY)														

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	1	0	1	2	13
OFFICES	0	0	1	3	13
STORAGE	0	0	0	2	15
TOTAL SPACE	1	1	3	4	8

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	0
COLLEGE OR UNIV.	1
COMMERCIAL	2

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	119	68	27	22	34	34	39	58	0	3	3	19	0	49	53	4	39
INSTL=	17	14	16	10	6	9	9	15	0	3	2	7	0	12	13	4	12
INST=	15	12	15	10	5	8	8	15	0	3	1	7	0	10	11	4	12
(NUMBER REPORTING PER CATEGORY)																	

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	2)	PROVIDE INTERACTIVE COMPUTING,	3)
USE REMOTE COMPUTING SERVICES,	3)	USE INTERACTIVE COMPUTING,	3)

PROVIDE FORTRAN,	9
PROVIDE BASIC,	3
PROVIDE APL,	3

GROUP (PRIVATE/MASTERS) BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 93 TOTAL NUMBER OF INSTALLATIONS REPORTED = 4
TOTAL NUMBER OF INSTITUTIONS REPORTING = 83 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 4

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES PREVIOUS TWO YEARS	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
	311	0	0	80	20	167	137	0	0	7	411	151	90
INSTL:	3	0	0	1	1	1	1	0	0	1	2	2	2
INST:	3	0	0	1	1	1	1	0	0	1	2	2	2

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	275	0	0	0	0	0	0	0	0	0	0	132	4	411
INSTL:	2	0	0	0	0	0	0	0	0	0	0	1	1	2
INST:	2	0	0	0	0	0	0	0	0	0	0	1	1	2

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 8000	4001-8000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	0	1	3
OFFICES	0	0	1	0	3
STORAGE	0	0	0	1	3
TOTAL SPACE	0	1	0	0	3

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	1
COLLEGE OR UNIV.	0
COMMERCIAL	1

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	21	5	3	2	1	1	4	4	0	1	0	3	0	1	2	2	17
INSTL:	2	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	1
INST:	2	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	1

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 0; PROVIDE INTERACTIVE COMPUTING, 0; PROVIDE FORTRAN, 1
USE REMOTE COMPUTING SERVICES, 1; USE INTERACTIVE COMPUTING, 1; PROVIDE BASIC, 0
PROVIDE APL, 0

GROUP (PRIVATE/MASTERS) 500-2499)

TOTAL NUMBER OF INSTITUTIONS = 171 TOTAL NUMBER OF INSTALLATIONS REPORTED = 101
TOTAL NUMBER OF INSTITUTIONS REPORTING = 138 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 95

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES PREVIOUS TWO YEARS	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	1968-69	1967-68
	5663	588	30	533	162	2184	1370	100	504	403	5874	3108	1989
INSTL:	97	26	4	9	21	73	67	16	58	36	94	77	56
INST:	92	25	4	9	20	70	65	16	55	36	89	72	52

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	4065	516	0	0	0	0	0	0	12	528	0	749	28	5370
INSTL:	87	19	0	0	0	0	0	0	3	22	0	24	27	94
INST:	82	19	0	0	0	0	0	0	3	22	0	24	25	89

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 8000	4001-8000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	3	18	84
OFFICES	0	0	1	7	93
STORAGE	0	0	0	3	100
TOTAL SPACE	0	2	13	27	99

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	3
COLLEGE OR UNIV.	27
COMMERCIAL	27

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	278	277	84	56	23	29	56	139	5	20	9	47	6	83	149	28	153
INSTL:	69	67	43	34	20	24	37	42	5	18	5	35	3	50	43	16	49
INST:	65	65	39	33	20	23	35	39	5	18	5	35	3	48	42	16	47

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:
PROVIDE REMOTE COMPUTING SERVICES, 11; PROVIDE INTERACTIVE COMPUTING, 13; PROVIDE FORTRAN, 55
USE REMOTE COMPUTING SERVICES, 36; USE INTERACTIVE COMPUTING, 27; PROVIDE BASIC, 21
PROVIDE APL, 22

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE/MASTERS) 2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 61 TOTAL NUMBER OF INSTALLATIONS REPORTED = 54
TOTAL NUMBER OF INSTITUTIONS REPORTING = 54 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 51

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********* OPERATING 1969-70 **********						TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	6721	1096	12	317	88	2565	2146	38	545	241	7068	3913	2859
INSTL=	54	12	3	11	25	49	47	5	48	17	54	47	40
INST=	51	12	3	11	25	47	46	5	44	17	51	45	38

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	5929	404	0	0	0	0	0	0	15	419	3	476	238	7065
INSTL=	53	8	0	0	0	0	0	0	1	8	1	11	14	54
INST=	50	8	0	0	0	0	0	0	1	8	1	11	14	51

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	3	12	39
OFFICES	0	0	2	6	46
STORAGE	0	0	0	1	53
TOTAL SPACE	0	2	16	16	20

** USE OF OFF-CAMPUS COMPUTERS

COOP, OR NON-PROFIT	1
COLLEGE OR UNIV,	4
COMMERCIAL	17

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	300	284	79	75	33	34	78	121	3	14	6	39	5	68	260	22	136
INSTL=	47	46	47	32	21	24	37	43	2	9	4	24	4	33	40	15	37
INST=	46	44	45	31	20	23	36	42	2	9	4	22	4	33	39	15	35

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	5)	PROVIDE INTERACTIVE COMPUTING,	7)
USE REMOTE COMPUTING SERVICES,	15)	USE INTERACTIVE COMPUTING,	10)

PROVIDE FORTRAN,	38
PROVIDE BASIC,	14
PROVIDE APL,	5

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE/MASTERS) 10000-19999)

TOTAL NUMBER OF INSTITUTIONS = 2 TOTAL NUMBER OF INSTALLATIONS REPORTED = 2
TOTAL NUMBER OF INSTITUTIONS REPORTING = 2 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 2

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********* OPERATING 1969-70 **********						TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	817	10	25	30	4	485	245	0	19	0	738	673	835
INSTL=	2	1	1	1	2	2	2	0	2	0	2	2	2
INST=	2	1	1	1	2	2	2	0	2	0	2	2	2

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	690	0	0	0	0	0	0	0	50	50	0	0	-2	738
INSTL=	2	0	0	0	0	0	0	0	1	1	0	0	1	2
INST=	2	0	0	0	0	0	0	0	1	1	0	0	1	2

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	1	0	0	1
OFFICES	0	1	0	0	1
STORAGE	0	0	0	0	2
TOTAL SPACE	1	0	0	1	0

** USE OF OFF-CAMPUS COMPUTERS

COOP, OR NON-PROFIT	0
COLLEGE OR UNIV,	0
COMMERCIAL	

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	49	56	6	22	5	1	10	5	0	3	1	3	0	7	5	6	52
INSTL=	2	2	2	2	1	1	1	2	0	1	1	2	0	2	1	1	2
INST=	2	2	2	2	1	1	1	2	0	1	1	2	0	2	1	1	2

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	1)	PROVIDE INTERACTIVE COMPUTING,	1)
USE REMOTE COMPUTING SERVICES,	1)	USE INTERACTIVE COMPUTING,	1)

PROVIDE FORTRAN,	1
PROVIDE BASIC,	1
PROVIDE APL,	1

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CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE/DOCTORATE/BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 50 TOTAL NUMBER OF INSTALLATIONS REPORTED = 6
TOTAL NUMBER OF INSTITUTIONS REPORTING = 30 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 6

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES		
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	430	200	14	3	11	143	136	6	59	43	615	957	234
INSTL:	6	1	1	1	3	6	6	1	5	3	6	6	4
INST:	6	1	1	1	3	6	6	1	5	3	6	6	4

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	507	6	30	0	0	0	21	0	9	66	0	34	8	615
INSTL:	6	1	1	0	0	0	1	0	1	2	0	3	3	6
INST:	6	1	1	0	0	0	1	0	1	2	0	3	3	6

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	0	0	3	4
OFFICES	0	0	0	0	6
STORAGE	0	0	0	0	6
TOTAL SPACE	0	0	0	3	3

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	0
COLLEGE OR UNIV.	0
COMMERCIAL	2

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA- LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	13	8	5	2	0	3	2	3	0	2	0	3	0	4	2	2	2
INSTL:	4	3	4	2	0	1	2	2	0	2	0	2	0	2	2	2	1
INST:	4	3	4	2	0	1	2	2	0	2	0	2	0	2	2	2	1

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	2)	PROVIDE INTERACTIVE COMPUTING,	2)
USE REMOTE COMPUTING SERVICES,	3)	USE INTERACTIVE COMPUTING,	2)

PROVIDE FORTRAN,	5
PROVIDE BASIC,	0
PROVIDE APL,	2

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE/DOCTORATE/500-2499)

TOTAL NUMBER OF INSTITUTIONS = 38 TOTAL NUMBER OF INSTALLATIONS REPORTED = 25
TOTAL NUMBER OF INSTITUTIONS REPORTING = 27 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL = 20

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********					TOTAL EXPENDITURES		
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	5788	291	13	399	11	1838	1475	41	820	30	4918	4034	2612
INSTL:	24	10	4	3	6	23	19	4	19	6	24	23	92
INST:	20	9	4	3	5	19	16	3	18	6	20	19	19

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	3000	576	262	120	42	1	32	0	86	1113	7	721	77	4918
INSTL:	24	8	4	1	1	1	2	0	2	11	2	9	6	24
INST:	20	8	4	1	1	1	2	0	2	11	2	8	6	20

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	1	1	6	17
OFFICES	0	1	1	4	19
STORAGE	0	0	0	0	25
TOTAL SPACE	1	3	4	6	11

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	0
COLLEGE OR UNIV.	7
COMMERCIAL	6

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA- LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	210	120	46	24	18	24	42	92	3	12	2	24	2	68	66	16	96
INSTL:	20	19	19	10	9	10	15	19	2	11	2	15	2	17	12	7	14
INST:	17	17	16	9	9	9	14	17	2	10	2	13	2	14	12	7	12

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	5)	PROVIDE INTERACTIVE COMPUTING,	4)
USE REMOTE COMPUTING SERVICES,	6)	USE INTERACTIVE COMPUTING,	5)

PROVIDE FORTRAN,	16
PROVIDE BASIC,	7
PROVIDE APL,	6

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE/DOCTORATE)(2500-9999)

TOTAL NUMBER OF INSTITUTIONS * 55 TOTAL NUMBER OF INSTALLATIONS REPORTED * 82
TOTAL NUMBER OF INSTITUTIONS REPORTING * 46 TOTAL NUMBER OF INSTITUTIONS HAVING INSTAL * 43

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	31254	4317	184	1212	142	10768	10141	141	3743	524	31132	26441	18894
INSTL!	80	29	12	21	29	77	68	11	77	16	80	70	67
INST!	43	20	12	20	22	43	42	11	41	16	43	40	39

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	DHR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	18593	2597	1004	1338	628	136	574	1537	1337	9161	48	2092	1340	31132
INSTL!	71	33	19	18	26	8	11	7	25	48	7	28	32	80
INST!	43	27	15	16	17	8	10	5	22	32	6	27	24	43

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	4	1	14	17	48
OFFICES	4	5	10	17	46
STORAGE	0	0	1	7	24
TOTAL SPACE	13	6	22	16	23

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	1
COLLEGE OR UNIV.	7
COMMERCIAL	17

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA- LYST	SYS PRGR	APPL PRGR	OPER- ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	1173	461	183	208	71	135	240	320	2	31	13	93	43	278	364	45	668
INSTL!	74	59	67	58	37	58	53	60	2	20	9	48	10	62	64	23	60
INST!	43	38	43	42	31	32	39	40	2	19	9	36	8	38	35	21	39

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES, 37	PROVIDE INTERACTIVE COMPUTING, 24	PROVIDE FORTRAN,	80
USE REMOTE COMPUTING SERVICES, 19	USE INTERACTIVE COMPUTING, 23	PROVIDE BASIC,	28
		PROVIDE APL,	16

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE/DOCTORATE)(10000-19999)

TOTAL NUMBER OF INSTITUTIONS * 20 TOTAL NUMBER OF INSTALLATIONS REPORTED * 36
TOTAL NUMBER OF INSTITUTIONS REPORTING * 18 TOTAL NUMBER OF INSTITUTIONS HAVING INSTAL * 18

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********** OPERATING 1969-70 **********						TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	36065	3855	88	446	52	13147	10818	1340	4969	363	35098	26911	22902
INSTL!	53	27	11	15	17	52	43	13	46	7	55	48	44
INST!	18	10	7	8	13	18	18	10	18	6	18	18	18

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	DHR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	15953	2735	1596	1098	519	897	248	1357	1258	10528	47	3715	4859	35098
INSTL!	44	16	17	8	13	10	9	18	14	32	5	23	24	55
INST!	18	10	9	6	7	7	7	7	9	13	4	14	14	18

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	1	5	17	12	21
OFFICES	9	4	9	13	21
STORAGE	0	0	1	4	19
TOTAL SPACE	19	8	15	5	11

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	0
COLLEGE OR UNIV.	0
COMMERCIAL	5

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA- LYST	SYS PRGR	APPL PRGR	OPER- ATORS	DOCTORATE CON-SC	DOCTORATE OTHER	MASTERS CON-SC	MASTERS OTHER	BACHELORS CON-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	1370	359	178	373	111	165	268	471	9	50	34	137	7	378	190	61	475
INSTL!	50	44	47	40	37	48	48	45	3	22	14	36	3	45	38	13	39
INST!	18	18	18	18	16	18	18	18	3	13	9	16	3	18	18	9	18

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES, 26	PROVIDE INTERACTIVE COMPUTING, 24	PROVIDE FORTRAN,	37
USE REMOTE COMPUTING SERVICES, 13	USE INTERACTIVE COMPUTING, 8	PROVIDE BASIC,	19
		PROVIDE APL,	8

GROUP (PRIVATE/DOCTORATE/ABOVE 2000)

TOTAL NUMBER OF INSTITUTIONS * 4 TOTAL NUMBER OF INSTALLATIONS REPORTED * 11
TOTAL NUMBER OF INSTITUTIONS REPORTING * 3 TOTAL NUMBER OF INSTITUTIONS RPTING INSTAL * 3

** ESTIMATED TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	**** CAPITAL 1969-70 ****				********* OPERATING 1969-70 **********						TOTAL EXPENDITURES	
		HDWARE	SFTWARE	BLDGS	FURN	STAFF	HDWARE LEASE	SFTWARE SVCS	OTHER OPER	OFF-CAMPUS	TOTAL 1969-70	PREVIOUS TWO YEARS 1968-69	1967-68
	5204	631	73	1	17	2061	1357	36	790	31	4991	2462	2211
INSTL:	11	4	4	1	5	10	7	4	10	3	11	9	8
INST:	3	2	2	1	3	3	3	2	3	1	3	3	3

(NUMBER REPORTING PER CATEGORY)

** SOURCES OF INCOME IN THOUSANDS OF DOLLARS, 1969 - 1970

	INST	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTH-FED	TOT-FED	STATE	OTHER	DIFF	TOTAL
	3581	231	92	400	30	0	42	0	211	986	0	312	132	4991
INSTL:	10	5	3	1	2	0	3	0	4	5	0	4	3	[illegible]
INST:	3	2	1	1	1	0	2	0	2	2	0	2	2	[illegible]

(NUMBER REPORTING PER CATEGORY)

** FLOOR SPACE AS OF JUNE 30, 1970 (SQUARE FEET)

	OVER 6000	4001-6000	2001-4000	1001-2000	UNDER 1001
MACHINE ROOM	0	2	2	4	3
OFFICES	0	1	3	4	3
STORAGE	0	0	1	0	10
TOTAL SPACE	4	2	2	2	1

** USE OF OFF-CAMPUS COMPUTERS

COOP. OR NON-PROFIT	0
COLLEGE OR UNIV.	0
COMMERCIAL	

** NUMBER PEOPLE ** FULL TIME EQUIVALENT ** HIGHEST LEVEL OF DEGREE (NUMBER OF PEOPLE)

	FULL TIME	PART TIME	MGMT	CLRK	ANA-LYST	SYS PRGMR	APPL PRGMR	OPER-ATORS	DOCTORATE COM-SC	DOCTORATE OTHER	MASTERS COM-SC	MASTERS OTHER	BACHELORS COM-SC	BACHELORS OTHER	UNDER GRAD	ASSOC DEG	H-S DIPL
	176	144	32	61	15	35	29	61	0	5	1	21	4	60	172	1	64
INSTL:	10	10	10	9	4	10	8	9	0	4	1	9	2	10	8	1	8
INST:	3	3	3	3	2	3	3	3	0	2	1	3	1	3	3	1	2

(NUMBER REPORTING PER CATEGORY)

** NUMBER OF INSTALLATIONS WHICH:

PROVIDE REMOTE COMPUTING SERVICES,	5)	PROVIDE INTERACTIVE COMPUTING,	7)
USE REMOTE COMPUTING SERVICES,	4)	USE INTERACTIVE COMPUTING,	1)

PROVIDE FORTRAN,	9
PROVIDE BASIC,	5
PROVIDE APL,	4

VII. SUMMARIES FROM FORM 1: COMPUTERS

The following variables and levels were used for summarizing the responses:

Type of Control	Highest Degree Offered	Fall 1968 Enrollment Class
1. Public	1. Associate	1. Less than 500
2. Private	2. Bachelor's	2. 500 - 2,499
	3. Master's	3. 2,500 - 9,999
	4. Doctorate	4. 10,000 - 19,999
		5. 20,000 and above

Summaries for the individual levels (one-way) of the control variables, and the total population are presented provided that there were enough institutions included and/or reporting in the category to preclude identification of the institutions involved (i.e., at least two institutions must have reported in a group for the summary of that group to be included.

Each group summary is identified by the levels of three control variables. For example, group (Public, ,) identifies the summary for all public institutions. Since all of the summaries are identical in format, only one will be discussed here as a guide. The total group is chosen for this purpose, i.e., group (,).

The summaries focus on particular computer systems in use in the group of institutions being considered. The computer system is identified by manufacturer name and model or the name of the computer if it is a non-commercial one. Referring to the BUR B5500, we see that there were ten (10) machines installed "prior to June 30, 1970" and one to have been added before December 31, 1970. Seven were "leased" from the manufacturer ("MFG"), at least pertially, and four were purchased, at least partially, from the manufacturer. One was utilized more than three shifts (528 hrs./mo.), two were in use more than two shifts (352 hrs./mo.) but less than three shifts (528 hrs./mo.), two were in use more than one shift (176 hrs./mo.) but less than two shifts and five were used less than one shift.

Under "Percent Usage by Type" one was not used for research (new machine) (RES); three were used approximately 20 percent for research; two 50 percent, one 60 percent, one 70 percent, one 80 percent and one approximately 90 percent for research.

One B5500 had at least nine, but less than 12 tape drives, seven between three and six and three had three or less tape drives. Eight B5500's had more than 251,000 characters of core storage and three had less than 51K. All eleven had disk (DK) storage and eight had communications capabilities.

GROUP ( ) SUMMARY OF COMPUTERS

MFG	MODEL NO.	NUMBER LEASED MFG M*CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITS	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILITY
ADG	AD8	0	0	1	0 >528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
ADG	AGT*30	0	0	1	0 >528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
ADG	AGT/10	1	0	3	0 >528	0	RES	0	0	0	0	0	0	0	2	0	1	1	0	>12	0	>301	0	DSK	2	1
					>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	2	INS	0	1	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4			> 0	2	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	4			
BIT	480	0	0	3	0 >528	0	RES	3	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
					>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	2	INS	0	0	0	0	0	0	0	0	0	0	3	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3			> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
BUR	B2500	10	0	1	0 >528	0	RES	8	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	10	1
					>352	1	ADM	3	1	1	1	1	1	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	5	INS	3	1	0	0	1	2	0	1	2	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4			> 0	3	P S	8	0	0	0	0	0	0	0	0	0	1	> 3	4	> 51	5			
	AFTER 30JUN70	6					C/I	9	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	5			
BUR	B3500	3	0	0	0 >528	0	RES	2	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	2
					>352	1	ADM	1	0	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	2	INS	0	0	1	0	1	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	3			
	AFTER 30JUN70	1					C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
BUR	B5500	7	0	4	0 >528	1	RES	1	0	3	0	0	2	1	1	1	2	0	>12	0	>301	0	DSK	11	8
					>352	2	ADM	6	2	3	0	0	0	0	0	0	0	0	> 9	1	>251	8	DRM	0	
	INSTALLED:				>176	2	INS	1	3	2	1	0	1	1	0	2	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	10			> 0	5	P S	11	0	0	0	0	0	0	0	0	0	0	> 3	7	> 51	0			
	AFTER 30JUN70	1					C/I	10	1	0	0	0	0	0	0	0	0	0	> 0	3	> 0	3			
BUR	B8500	1	0	1	0 >528	0	RES	0	0	0	0	0	1	0	0	0	1	0	>12	0	>301	2	DSK	2	1
					>352	0	ADM	1	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	1	INS	1	0	0	0	0	1	0	0	0	0	0	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
BUR	TC500	1	0	0	0 >528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
					>352	0	ADM	0	0	0	0	0	0	0	0	0	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
CDC	G15	0	0	1	2 >528	0	RES	2	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
					>352	0	ADM	2	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:				>176	0	INS	1	0	0	1	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	3			> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	1	0	0	0	0	0	> 0	1	> 0	0			
CDC	G20	0	0	2	0 >528	0	RES	0	0	0	0	0	0	0	1	1	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	0	0	1	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	2			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	LGP30	0	0	1	2 >528	0	RES	2	0	0	0	0	1	0	0	0	0	0	>12	0	>301	1	DSK	1	0
					>352	0	ADM	2	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:				>176	1	INS	0	0	1	0	0	0	0	0	0	0	2	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3			> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	2	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	160	0	0	1	1 >528	0	RES	0	0	0	0	0	1	0	1	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
CDC	160A	0	0	3	1 >528	0	RES	1	0	0	0	1	0	1	0	0	0	1	1	>12	0	>301	0	DSK	0	2
					>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	2	INS	2	1	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4			> 0	1	P S	3	0	0	0	0	1	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	3	0	1	0	0	0	0	0	0	0	0	> 0	3	> 0	4			
CDC	1604	1	0	1	1 >528	1	RES	1	1	0	0	0	1	0	0	1	0	1	>12	0	>301	0	DSK	1	0
					>352	1	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	2	DRM	0	
	INSTALLED:				>176	1	INS	2	0	1	0	0	1	0	0	0	1	0	> 6	3	>151	0	OTH	0	
	PRIOR 30JUN70	5			> 0	1	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
CDC	1700	3	0	3	0 >528	1	RES	3	0	0	0	1	0	1	0	0	1	0	>12	0	>301	0	DSK	5	3
					>352	1	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	1	INS	2	1	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4			> 0	3	P S	3	0	0	1	0	0	0	0	0	0	0	> 3	0	> 51	4			
	AFTER 30JUN70	2					C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	2			
CDC	3100	2	0	2	0 >528	0	RES	0	0	0	0	2	0	0	0	0	0	1	>12	0	>301	0	DSK	2	1
					>352	0	ADM	2	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	3	INS	1	0	0	0	0	0	1	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3			> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	2			
	AFTER 30JUN70	0					C/I	2	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
CDC	3150	4	0	0	0 >528	0	RES	2	4	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	4	4
					>352	2	ADM	0	0	2	2	1	0	1	0	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	3	INS	0	0	1	0	0	1	2	0	1	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5			> 0	1	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	5			
	AFTER 30JUN70	1					C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			

SUMMARY OF COMPUTERS
GROUP ( ) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED H-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	USAGE/MO NO.	TYPE	PERCENT USAGE BY TYPE	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CONN CAPA-BILTY
CDC	3200	3	1	2	0	>528	0	RES	0	1	0	1	0	0	1	0	0	1	0	>12	0	>301	0	DSK 4	2
						>352	0	ADM	0	4	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	1	INS	1	0	0	1	0	1	0	1	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	4				> 0	3	P S	3	1	0	0	0	0	0	0	0	0	0	> 3	2	> 51	4		
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0		
CDC	3300	0	0	3	0	>528	4	RES	1	3	2	1	0	2	1	0	0	1	0	>12	0	>301	4	DSK 11	
						>352	1	ADM	3	0	1	3	2	2	0	0	0	0	0	> 9	0	>251	4	DRM 0	
	INSTALLED:					>176	3	INS	2	2	1	2	1	1	1	0	1	0	0	> 6	1	>151	0	OTH 0	
	PRIOR 30JUN70	10				> 0	3	P S	9	0	0	1	0	0	0	0	0	0	1	> 3	6	> 51	3		
	AFTER 30JUN70	1						C/I	10	1	0	0	0	0	0	0	0	0	0	> 0	3	> 0	0		
CDC	3400	1	0	3	0	>528	1	RES	0	0	0	1	0	0	0	1	1	1	0	>12	0	>301	0	DSK 3	0
						>352	0	ADM	3	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	2	DRM 1	
	INSTALLED:					>176	1	INS	0	2	0	1	0	0	1	0	0	0	0	> 6	1	>151	1	OTH 0	
	PRIOR 30JUN70	3				> 0	2	P S	3	1	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0		
	AFTER 30JUN70	1						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1		
CDC	3600	1	0	4	0	>528	2	RES	0	0	0	0	0	1	0	0	2	1	0	>12	1	>301	2	DSK 3	2
						>352	2	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	1	>251	3	DRM 3	
	INSTALLED:					>176	0	INS	0	2	2	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	5				> 0	1	P S	4	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0		
	AFTER 30JUN70	0						C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0		
CDC	3770	1	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	1	OTH 0	
	PRIOR 30JUN70	0				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0		
CDC	3800	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	0				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1		
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0		
CDC	6400	0	0	6	0	>528	6	RES	1	0	1	3	0	4	1	0	0	2	0	>12	0	>301	8	DSK 12	10
						>352	1	ADM	8	1	2	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 1	
	INSTALLED:					>176	3	INS	1	2	1	3	0	2	2	1	0	0	0	> 6	2	>151	0	OTH 1	
	PRIOR 30JUN70	9				> 0	1	P S	10	3	0	0	0	0	0	0	0	0	0	> 3	7	> 51	4		
	AFTER 30JUN70	3						C/I	10	1	0	1	0	0	0	0	0	0	0	> 0	2	> 0	0		
CDC	6500	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	2	DSK 2	2
						>352	0	ADM	1	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	1	INS	0	1	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	2				> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0		
	AFTER 30JUN70	0						C/I	1	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0		
CDC	6600	1	0	3	0	>528	1	RES	0	0	0	0	0	0	1	1	1	0	0	>12	0	>301	3	DSK 3	1
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 1	
	INSTALLED:					>176	1	INS	0	1	0	2	0	0	0	0	0	0	0	> 6	1	>151	0	OTH 1	
	PRIOR 30JUN70	2				> 0	0	P S	1	2	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0		
	AFTER 30JUN70	1						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0		
CDC	8090	1	0	4	1	>528	0	RES	1	1	0	1	0	1	0	2	0	0	1	>12	0	>301	0	DSK 0	3
						>352	0	ADM	5	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	5	INS	3	0	0	1	0	0	1	0	0	1	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	6				> 0	1	P S	5	0	0	0	0	1	0	0	0	0	0	> 3	1	> 51	0		
	AFTER 30JUN70	0						C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0		
CDC	915	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	1	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1		
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0		
CDC	924	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 0	1
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1		
DAG	NOVA	0	0	2	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	2				> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2		
DAG	SUPNOV	0	0	1	0	>528	1	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1		
DAG	4001	0	0	3	1	>528	0	RES	4	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0	0
						>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	4	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	3				> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	1						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0		
DAG	8101	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0		
DAI	70	1	0	0	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK 0	0
						>352	1	ADM	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1		
DEC	LINC	0	0	4	0	>528	0	RES	0	0	0	0	0	0	0	0	2	0	2	>12	0	>301	0	DSK 0	4
						>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	4	INS	2	0	2	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	4				> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	4		

GNOUP ( ) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
DEC	LINC8	0 0	10 0	>528	0	RES	1	1	0	0	0	1	0	0	2	3	3	>12 0	>301 0	DSK	2	3
				>352	4	ADM	11	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	4	3	2	0	0	1	0	0	0	0	1	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	11		> 0	5	P S	11	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 0			
	AFTER 30JUN70	0				C/I	10	0	0	0	0	0	0	0	0	1	0	> 0 9	> 0 11			
DEC	PDP1	0 0	4 0	>528	1	RES	0	0	0	1	0	0	0	1	0	0	2	>12 0	>301 0	DSK	1	2
				>352	1	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	2	
	INSTALLED:			>176	1	INS	2	0	0	1	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	4		> 0	1	P S	4	0	0	0	0	0	0	1	0	0	0	> 3 0	> 51 2			
	AFTER 30JUN70	0				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0 3	> 0 4			
DEC	PDP10	2 0	17 2	>528	5	RES	2	2	0	3	3	0	0	1	3	3	4	>12 0	>301 11	DSK	17	17
				>352	6	ADM	17	3	0	0	1	0	0	0	0	0	0	> 9 0	>251 5	DRM	3	
	INSTALLED:			>176	6	INS	5	3	3	2	1	1	3	1	0	2	0	> 6 3	>151 3	OTH	4	
	PRIOR 30JUN70	14		> 0	3	P S	18	2	1	0	0	0	0	0	0	0	0	> 3 4	> 51 1			
	AFTER 30JUN70	7				C/I	19	1	1	0	0	0	0	0	0	0	0	> 0 11	> 0 1			
DEC	PDP11	1 0	7 1	>528	0	RES	3	0	0	0	0	1	0	1	1	0	2	>12 0	>301 0	DSK	3	1
				>352	1	ADM	8	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	2	INS	5	0	1	1	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	3		> 0	3	P S	8	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	5				C/I	8	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0 8			
DEC	PDP12	1 0	16 1	>528	0	RES	2	1	0	1	0	0	0	1	3	5	4	>12 0	>301 0	DSK	4	4
				>352	1	ADM	16	1	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	5	INS	6	5	3	1	0	0	0	0	0	1	1	> 6 0	>151 0	OTH	4	
	PRIOR 30JUN70	15		> 0	9	P S	16	0	0	0	0	0	1	0	0	0	0	> 3 2	> 51 1			
	AFTER 30JUN70	2				C/I	17	0	0	0	0	0	0	0	0	0	0	> 0 15	> 0 16			
DEC	PDP12A	0 0	3 1	>528	0	RES	0	2	0	0	0	0	0	0	0	0	2	>12 0	>301 0	DSK	0	1
				>352	1	ADM	3	1	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	2	0	0	0	0	0	0	0	1	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	3	P S	4	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	3				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0 4	> 0 4			
DEC	PDP13	0 0	0 1	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
DEC	PDP15	0 0	12 0	>528	0	RES	2	0	0	0	0	1	0	1	1	1	7	>12 0	>301 0	DSK	5	2
				>352	1	ADM	12	1	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	6	INS	8	2	1	1	0	1	0	0	0	0	0	> 6 0	>151 0	OTH	3	
	PRIOR 30JUN70	2		> 0	3	P S	12	1	0	0	0	0	0	0	0	0	0	> 3 4	> 51 1			
	AFTER 30JUN70	11				C/I	13	0	0	0	0	0	0	0	0	0	0	> 0 8	> 0 12			
DEC	PDP5	0 0	2 1	>528	0	RES	1	2	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	0	2	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	3		> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 3			
DEC	PDP6	0 0	5 0	>528	2	RES	1	0	0	0	0	0	0	1	0	2	1	>12 0	>301 2	DSK	2	1
				>352	1	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 1	DRM	0	
	INSTALLED:			>176	1	INS	2	2	0	1	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	5		> 0	1	P S	5	0	0	0	0	0	0	0	0	0	0	> 3 2	> 51 0			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 0			
DEC	PDP7	0 0	8 1	>528	1	RES	0	0	0	0	1	0	0	0	1	4	2	>12 0	>301 0	DSK	0	2
				>352	2	ADM	8	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	3	3	1	0	0	1	0	0	0	0	0	> 6 1	>151 0	OTH	2	
	PRIOR 30JUN70	8		> 0	3	P S	8	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 0			
	AFTER 30JUN70	0				C/I	7	1	0	0	0	0	0	0	0	0	0	> 0 3	> 0 8			
DEC	PDP8	0 0	29 5	>528	5	RES	8	0	1	4	1	0	0	1	2	3	16	>12 0	>301 0	DSK	3	8
				>352	6	ADM	34	0	0	1	0	0	0	0	0	0	1	> 9 0	>251 0	DRM	1	
	INSTALLED:			>176	11	INS	21	3	2	2	1	0	1	2	1	0	3	> 6 0	>151 0	OTH	4	
	PRIOR 30JUN70	38		> 0	10	P S	35	0	0	0	0	0	0	0	0	0	1	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	35	1	0	0	0	0	0	0	0	0	0	> 0 15	> 0 33			
DEC	PDP8/F	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
DEC	PDP8D	0 0	1 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	0	1	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
DEC	PDP8E	0 0	3 0	>528	0	RES	2	0	0	0	0	0	0	1	0	0	0	>12 0	>301 0	DSK	0	0
				>352	2	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	1	0	0	0	0	0	1	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	3				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 3			
DEC	PDP8I	0 0	41 5	>528	4	RES	13	10	0	3	1	4	2	1	0	1	11	>12 0	>301 0	DSK	20	22
				>352	2	ADM	43	2	1	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	13	INS	21	1	1	0	2	3	3	2	0	1C	3	> 6 0	>151 0	OTH	4	
	PRIOR 30JUN70	37		> 0	21	P S	43	2	0	0	0	1	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	9				C/I	46	0	0	0	0	0	0	0	0	0	0	> 0 16	> 0 43			
DEC	PDP8L	0 0	16 4	>528	0	RES	7	4	0	1	0	1	1	3	3	0	2	>12 0	>301 0	DSK	0	3
				>352	4	ADM	20	2	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	6	INS	8	1	2	2	0	1	0	1	0	5	2	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	20		> 0	8	P S	20	0	0	1	1	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	2				C/I	22	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0 21			
DEC	PDP8S	0 0	9 0	>528	0	RES	2	0	0	0	0	1	0	2	0	1	3	>12 0	>301 0	DSK	0	1
				>352	0	ADM	9	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	3	1	0	2	0	1	0	0	0	0	2	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	9		> 0	7	P S	9	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/		0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 9			

SUMMARY OF COMPUTERS
GROUP ( ) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE PERCENT N/G	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITS	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
DEC	PDP9	1 0	13 0	>528	1	RES	2	0	1	0	0	2	0	0	4	4	3	>12	0	>301	0	DSK 6 3
				>352	3	ADM	15	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	3	INQ	4	5	3	0	0	2	0	0	1	0	1	> 6	0	>151	0	OTH 2
	PRIOR 30JUN70	15		> 0	0	P S	15	1	0	0	0	0	0	0	0	0	0	> 3	3	> 51	1	
	AFTER 30JUN70	1				C/I	16	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	14	
DEC	680	0 0	2 0	>528	0	RES	0	0	0	0	0	1	1	0	0	0	0	>12	0	>301	0	DSK 0 2
				>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INQ	0	0	0	0	0	1	1	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2	
DEC	3080	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INQ	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 1
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1	
USC	MET44	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 1 0
				>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INQ	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1	
EAI	TR48	0 0	1 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INQ	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
EAI	1020	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INQ	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1	
EAI	231R	1 0	0 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INQ	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
EAI	580	0 0	2 0	>528	0	RES	0	0	0	1	1	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INQ	0	0	0	0	0	0	1	1	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
EAI	640	0 0	0 1	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK 1 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INQ	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
EAI	680	0 0	9 1	>528	0	RES	0	1	0	4	0	0	2	2	0	0	1	>12	0	>301	0	DSK 0 0
				>352	0	ADM	10	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INQ	1	0	0	2	2	0	1	3	0	1	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	10		> 0	0	P S	10	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	9	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
EAI	690	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INQ	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
EAI	8800	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INQ	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
FRI	5610	0 0	2 0	>528	0	RES	1	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INQ	1	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
GEC	DNET30	1 0	2 0	>528	2	RES	0	2	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 3
				>352	0	ADM	1	0	2	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INQ	0	0	0	0	0	0	0	2	1	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	3		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3	
GEC	GPAC30	0 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INQ	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1	
GEC	115	1 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1 1
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INQ	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	0	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1	
GEC	210	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INQ	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0	
GEC	225	0 0	5 0	>528	2	RES	3	3	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1 0
				>352	0	ADM	4	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	3	INQ	1	0	1	0	0	0	0	0	1	1	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	6		> 0	1	P S	7	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	1	
	AFTER 30JUN70	1				C/I	7	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	6	

GROUP ( ) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG UTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/O	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITS	CORE THOUSAND OF CHARS	CAP	ADDL STORAGE TYPE	NO	CONN CAPABILITY
GEC 255		0	0	1	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1	1
					>352	1	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:				>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0		
	AFTER 30JUN70	0					C/I	0	0	0	1	0	0	0	0	0	0	0	> 0	0	> 0	1		
GEC 312		0	0	0	1	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 1	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0		
GEC 4080		0	0	1	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK 1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	1	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1		
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0		
GEC 455		1	0	1	0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1	0
						>352	2	ADM	0	0	0	0	1	0	0	0	0	0	1	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	2			> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	1		
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1		
GEC 425		4	0	0	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	1	>12	0	>301	0	DSK 0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	2	INS	1	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	2			> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0		
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2		
GEC 635		1	0	2	1	>528	1	RES	0	1	0	1	0	0	0	0	0	0	0	>12	0	>301	2	DSK 2	1
						>352	1	ADM	0	1	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 2	
	INSTALLED:					>176	0	INS	0	0	0	0	1	0	0	1	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	2			> 0	0	P S	1	0	1	0	0	0	0	0	0	0	0	> 3	2	> 51	0		
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0		
GRI 909		0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1		
HEP 2000A		4	0	1	0	>528	2	RES	0	3	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1	2
						>352	1	ADM	2	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 3	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	2	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	0			> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	3					C/I	2	0	1	0	0	0	0	0	0	0	0	> 0	3	> 0	3		
HEP 2007		1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1		
HEP 2007A		0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1		
HEP 2114		1	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	0			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1		
HEP 2114A		0	0	1	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK 0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1		
HEP 2114B		0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1		
HEP 2115A		1	0	5	0	>528	0	RES	1	0	1	1	0	0	0	0	2	0	0	>12	0	>301	0	DSK 0	3
						>352	1	ADM	5	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	1	INS	1	2	0	0	0	2	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	6			> 0	3	P S	6	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1		
	AFTER 30JUN70	0					C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	4		
HEP 2116		0	0	2	0	>528	0	RES	0	0	1	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK 0	1
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	2			> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1		
HEP 2116A		0	0	3	0	>528	0	RES	0	0	1	0	0	1	0	0	0	1	0	>12	0	>301	0	DSK 1	1
						>352	1	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	1	INS	0	1	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	3			> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0					C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	3		
HEP 2116B		0	0	6	3	>528	0	RES	2	0	1	0	0	1	0	0	0	1	1	>12	0	>301	0	DSK 2	1
						>352	1	ADM	6	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	1	INS	3	1	0	0	0	1	0	0	1	0	0	> 6	0	>151	0	OTH 2	
	PRIOR 30JUN70	3			> 0	2	P S	6	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	3					C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	6		
HEP 9100A		0	0	3	0	>528	0	RES	1	1	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK 0	0
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	1	1	> 6	0	>151	0	OTH 0	
	PRIOR 30JUN70	3			> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0		
	AFTER 30JUN70	0					C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1		

SUMMARY OF COMPUTERS
GROUP ( ) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	PERCENT USAGE BY TYPE	PERCENT 10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPA-BILITY
HEP	9100B	0 0	3 0	>528	0	RES	2	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	1	0	2	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	3	P S	3	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	3	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HEP	9101A	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	DDP116	0 0	2 0	>528	0	RES	0	0	0	0	0	0	1	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	1	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HON	H21	0 0	0 0	>528	0	RES	1	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	0	1
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	1	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HON	H316	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	110	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	1	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	115	3 0	0 0	>528	0	RES	1	1	2	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	1	1	0	1	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	1	0	1	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	2	P S	4	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	3				C/I	4	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
HON	120	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	1	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	1200	3 0	0 0	>528	2	RES	3	1	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	5	0
				>352	0	ADM	0	0	0	0	1	0	1	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	2	1	0	2	0	0	0	0	0	0	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	1	P S	5	0	0	0	0	0	0	0	0	0	> 3	4	> 51	1			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	> 0	0	> 0	4			
HON	1250	4 0	1 0	>528	1	RES	3	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	4	0
				>352	0	ADM	0	0	0	0	1	0	1	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	3	INS	2	0	0	0	1	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	0	P S	4	0	0	0	0	0	0	0	0	0	> 3	4	> 51	2			
	AFTER 30JUN70	1				C/I	4	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HON	1642	0 0	1 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
HON	200	12 1	4 0	>528	0	RES	11	4	0	0	0	2	0	0	0	0	>12	0	>301	0	DSK	5	5
				>352	3	ADM	4	1	1	0	2	1	1	3	2	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	5	INS	6	0	2	1	1	4	2	1	0	0	> 6	1	>151	0	OTH	1	
	PRIOR 30JUN70	17		> 0	7	P S	15	0	2	0	0	0	0	0	0	0	> 3	8	> 51	0			
	AFTER 30JUN70	0				C/I	10	0	0	1	0	0	0	0	0	0	> 0	3	> 0	17			
HON	316	1 0	3 1	>528	0	RES	1	2	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	3	INS	1	0	0	0	0	1	0	0	0	2	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0	0	P S	4	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	4	0	0	0	0	0	0	0	0	0	> 0	2	> 0	4			
HON	400	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	516	0 0	1 2	>528	0	RES	2	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	2	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	3	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	3	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HON	615	1 0	0 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	>12	1	>301	0	DSK	1	1
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	635	0 0	1 0	>528	1	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	645	1 0	0 0	>528	1	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	1	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			

SUMMARY OF COMPUTERS
GROUP ( ) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
IBM	SYS3	7 0	0 0	>528	0	RES	11	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	2	0
				>352	0	ADM	5	0	0	0	0	0	0	0	0	0	2	5 > 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	12	0	0	0	0	0	0	0	0	0	0	0 > 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	6	P S	22	0	0	0	0	0	0	0	0	0	0	0 > 3 0	> 51 0			
	AFTER 30JUN70	10				C/I	11	1	0	0	0	0	0	0	0	0	0	0 > 0 0	> 0 0			
IBM	1130	260 0	88 3	>528	6	RES	166	83	27	14	8	9	1	4	3	8	6	>12 0	>301 0	DSK	307	51
				>352	12	ADM	114	34	29	26	27	32	25	13	13	13	5	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	95	INS	36	25	20	29	36	42	24	31	31	31	28	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	293		> 0	193	P S	312	16	1	0	0	0		0	0	1	1	> 3 1	> 51 9			
	AFTER 30JUN70	38				C/I	316	11	2	0	0	0	0	0	1	0	1	> 0 9	> 0 315			
IBM	1140	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
IBM	1380	1 0	0 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
IBM	1401	118 1	28 4	>528	3	RES	108	22	3	3	2	3	3	0	2	3	4	>12 0	>301 0	DSK	100	2
				>352	9	ADM	25	10	9	7	12	5	11	2	18	14	26	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	57	INS	58	17	19	8	8	10	5	8	2	4	10	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	149		> 0	70	P S	142	3	2	1	0	0	1	0	0	0	0	> 3 37	> 51 2			
	AFTER 30JUN70	0				C/I	142	4	3	0	0	0	0	0	0	0	0	> 0 51	> 0 143			
IBM	1410	4 0	1 1	>528	0	RES	2	1	0	0	1	1	0	0	0	0	0	>12 0	>301 0	DSK	3	1
				>352	2	ADM	0	0	1	0	0	1	0	0	1	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	2	INS	3	1	0	1	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	4		> 0	1	P S	5	0	0	0	0	0	0	0	0	0	0	> 3 5	> 51 2			
	AFTER 30JUN70	1				C/I	4	1	0	0	0	0	0	0	0	0	0	> 0 0	> 0 3			
IBM	1440	1 0	1 0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	2	0
				>352	1	ADM	0	0	0	0	0	0	0	0	0	1	1	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	1	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 2			
IBM	1460	5 0	0 0	>528	0	RES	4	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	4	1
				>352	1	ADM	0	0	0	0	0	0	1	0	0	0	1	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	2	INS	4	0	1	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	5		> 0	2	P S	5	0	0	0	0	0	0	0	0	0	0	> 3 3	> 51 0			
	AFTER 30JUN70	0				C/I	4	0	1	0	0	0	0	0	0	0	0	> 0 1	> 0 5			
IBM	1500	2 0	1 0	>528	1	RES	0	1	0	0	0	0	0	0	0	1	0	>12 0	>301 0	DSK	2	2
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 2			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 0			
IBM	1620	40 0	109 17	>528	2	RES	79	32	15	4	2	5	3	3	1	3	1	>12 0	>301 0	DSK	69	1
				>352	4	ADM	82	16	6	9	6	10	5	6	3	3	4	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	35	INS	13	8	7	9	4	17	9	17	17	16	35	> 6 0	>151 1	OTH	0	
	PRIOR 30JUN70	148		> 0	103	P S	148	4	0	0	0	0	0	0	0	0	0	> 3 4	> 51 12			
	AFTER 30JUN70	4				C/I	148	3	1	0	0	0	0	0	0	0	0	> 0 3	> 0 133			
IBM	1710	2 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	2	>12 0	>301 0	DSK	2	0
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	2	0	0	0	0	0	0	0	0	0	1	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	3		> 0	3	P S	2	1	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2			
IBM	1800	16 0	23 0	>528	11	RES	5	4	1	0	3	2	0	3	3	2	14	>12 0	>301 0	DSK	33	13
				>352	5	ADM	24	1	3	0	3	0	0	1	0	0	2	> 9 0	>251 1	DRM	0	
	INSTALLED:			>176	12	INS	20	3	5	1	2	3	1	0	1	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	34		> 0	5	P S	32	1	2	0	0	1	0	0	0	0	0	> 3 0	> 51 26			
	AFTER 30JUN70	2				C/I	35	0	0	0	0	0	0	1	0	0	0	> 0 23	> 0 14			
IBM	360	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 0			
IBM	360/20	11 1	12 0	>528	1	RES	72	17	2	5	3	7	3	4	3	2	4	>12 0	>301 0	DSK	25	26
				>352	10	ADM	37	7	6	2	3	6	6	3	4	12	34	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	38	INS	50	12	7	6	10	11	5	6	4	5	8	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	108		> 0	64	P S	120	2	0	0	0	0	0	0	0	0	0	> 3 4	> 51 2			
	AFTER 30JUN70	14				C/I	122	0	0	0	0	0	0	0	0	0	0	> 0 10	> 0 117			
IBM	360/25	51 1	1 0	>528	0	RES	42	9	0	0	0	1	0	0	0	0	0	>12 0	>301 0	DSK	50	5
				>352	2	ADM	5	2	10	5	8	5	2	2	4	2	7	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	23	INS	11	4	2	2	4	6	4	8	4	3	2	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	40		> 0	24	P S	48	3	2	0	1	0	0	0	0	0	0	> 3 8	> 51 0			
	AFTER 30JUN70	12				C/I	51	0	1	0	0	0	0	0	0	0	0	> 0 21	> 0 52			
IBM	360/30	65 0	28 2	>528	5	RES	51	19	4	5	1	0	0	0	0	1	0	>12 0	>301 1	DSK	80	14
				>352	14	ADM	5	3	4	12	10	10	5	5	5	3	20	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	42	INS	24	7	7	5	10	8	5	7	4	1	1	> 6 1	>151 0	OTH	2	
	PRIOR 30JUN70	68		> 0	17	P S	73	3	0	2	2	0	0	0	0	1	0	> 3 2	> 51 53			
	AFTER 30JUN70	13				C/I	78	2	0	0	0	0	0	0	0	0	1	> 0 47	> 0 27			
IBM	360/40	82 0	34 0	>528	18	RES	51	27	11	8	4	2	0	1	1	0	0	>12 0	>301 0	DSK	100	45
				>352	34	ADM	13	4	8	13	13	11	13	0	6	3	21	> 9 0	>251 31	DRM	0	
	INSTALLED:			>176	40	INS	31	12	4	12	19	8	6	8	0	3	3	> 6 2	>151 12	OTH	2	
	PRIOR 30JUN70	87		> 0	9	P S	92	7	3	1	0	1	0	0	0	1	1	> 3 48	> 51 59			
	AFTER 30JUN70	18				C/I	98	5	0	0	0	2	0	0	0	0	0	> 0 45	> 0 3			
IBM	360/44	12 0	13 0	>528	2	RES	1	5	1	1	3	0	3	2	2	1	3	>12 0	>301 1	DSK	22	6
				>352	4	ADM	12	3	3	1	1	1	1	0	0	0	0	> 9 0	>251 4	DRM	0	
	INSTALLED:			>176	15	INS	5	2	5	2	3	2	0	1	0	2	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	21		> 0	1	P S	18	3	0	1	0	0	0	0	0	0	0	> 3 5	> 51 14			
	AFTER 30JUN70	1				C/I	19	3	0	0	0	0	0	0	0	0	0	> 0 15	> 0 1			

GROUP ( ) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	AD. TYPE	PERCENT USAGE BY TYPE 10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPA-BILTY
IBM	360/50	66 1	15 0	>528	14 RES	22	8	6	9	13	1	6	1	0	2	0 >12	0	>301	47	DSK 67 47
				>352	25 ADM	15	9	12	5	3	8	2	1	1	2	10 > 9	0	>251	16	DRM 2
	INSTALLED:			>176	23 INS	20	3	8	10	13	7	3	2	1	1	0 > 6	0	>151	0	OTH 4
	PRIOR 30JUN70	55		> 0	8 P S	52	10	2	1	0	0	0	0	1	0	2 > 3	24	> 51	4	
	AFTER 30JUN70	13			C/I	65	2	0	1	0	0	0	0	0	0	0 > 0	26	> 0	0	
IBM	360/65	24 0	13 0	>528	5 RES	3	0	1	1	8	6	2	3	1	3	1 >12	1	>301	27	DSK 29 24
				>352	9 ADM	13	2	4	4	6	0	0	0	0	0	0 > 9	0	>251	2	DRM 7
	INSTALLED:			>176	11 INS	6	6	10	2	3	2	0	0	0	0	0 > 6	8	>151	0	OTH 8
	PRIOR 30JUN70	25		> 0	2 P S	22	5	2	0	0	0	0	0	0	0	0 > 3	17	> 51	0	
	AFTER 30JUN70	4			C/I	23	6	0	0	0	0	0	0	0	0	0 > 0	3	> 0	0	
IBM	360/67	8 0	8 0	>528	7 RES	1	3	0	1	1	0	2	4	1	0	0 >12	0	>301	12	DSK 12 12
				>352	4 ADM	6	1	2	1	0	1	0	0	0	0	0 > 9	1	>251	0	DRM 8
	INSTALLED:			>176	2 INS	1	1	2	2	5	1	0	0	0	1	0 > 6	2	>151	0	OTH 3
	PRIOR 30JUN70	11		> 0	0 P S	12	1	0	0	0	0	0	0	0	0	0 > 3	7	> 51	0	
	AFTER 30JUN70	2			C/I	11	2	0	0	0	0	0	0	0	0	0 > 0	1	> 0	0	
IBM	360/75	8 0	2 0	>528	2 RES	0	0	0	2	2	0	1	2	0	0	0 >12	0	>301	8	DSK 6 5
				>352	2 ADM	4	1	1	1	0	0	0	0	0	0	0 > 9	0	>251	0	DRM 4
	INSTALLED:			>176	1 INS	0	0	0	5	1	1	0	0	0	0	0 > 6	1	>151	0	OTH 0
	PRIOR 30JUN70	7		> 0	2 P S	6	1	0	0	0	0	0	0	0	0	0 > 3	2	> 51	0	
	AFTER 30JUN70	0			C/I	7	0	0	0	0	0	0	0	0	0	0 > 0	2	> 0	1	
IBM	360/91	2 0	4 0	>528	3 RES	0	0	0	0	0	0	0	1	1	1	1 >12	0	>301	4	DSK 4 4
				>352	1 ADM	4	0	0	0	0	0	0	0	0	0	0 > 9	1	>251	0	DRM 4
	INSTALLED:			>176	0 INS	1	1	1	1	0	0	0	0	0	0	0 > 6	1	>151	0	OTH 0
	PRIOR 30JUN70	4		> 0	0 P S	4	0	0	0	0	0	0	0	0	0	0 > 3	2	> 51	0	
	AFTER 30JUN70	0			C/I	4	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	0	
IBM	7010	1 0	0 0	>528	0 RES	1	0	0	0	0	0	0	0	0	0	0 >12	0	>301	0	DSK 1 0
				>352	1 ADM	0	0	0	0	0	0	0	0	0	0	1 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	0 INS	1	0	0	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0 P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0	
	AFTER 30JUN70	0			C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	1	> 0	1	
IBM	7040	4 0	3 0	>528	0 RES	0	0	0	1	1	0	1	1	0	0	2 >12	0	>301	0	DSK 3 0
				>352	2 ADM	4	0	2	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	4 INS	2	0	1	2	0	0	0	1	0	0	0 > 6	4	>151	3	OTH 0
	PRIOR 30JUN70	6		> 0	0 P S	5	1	0	0	0	0	0	0	0	0	0 > 3	2	> 51	1	
	AFTER 30JUN70	0			C/I	6	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	1	
IBM	7044	1 0	1 0	>528	0 RES	0	0	1	0	0	1	0	0	0	0	0 >12	0	>301	0	DSK 1 0
				>352	1 ADM	0	0	1	1	0	0	0	0	0	0	0 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	1 INS	0	0	1	1	0	0	0	0	0	0	0 > 6	1	>151	1	OTH 0
	PRIOR 30JUN70	2		> 0	0 P S	2	0	0	0	0	0	0	0	0	0	0 > 3	1	> 51	0	
	AFTER 30JUN70	0			C/I	1	0	0	1	0	0	0	0	0	0	0 > 0	0	> 0	1	
IBM	7072	0 0	2 0	>528	0 RES	1	0	0	1	0	0	0	0	0	0	0 >12	0	>301	0	DSK 0 0
				>352	0 ADM	1	0	0	0	0	0	0	0	0	0	1 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	0 INS	1	0	0	0	0	0	1	0	0	0	0 > 6	2	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	2 P S	2	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0	
	AFTER 30JUN70	0			C/I	2	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	2	
IBM	7090	0 0	1 0	>528	0 RES	0	0	0	0	0	0	1	0	0	0	0 >12	0	>301	0	DSK 1 0
				>352	0 ADM	0	1	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	1 INS	0	0	1	0	0	0	0	0	0	0	0 > 6	0	>151	1	OTH 0
	PRIOR 30JUN70	1		> 0	0 P S	1	0	0	0	0	0	0	0	0	0	0 > 3	1	> 51	0	
	AFTER 30JUN70	0			C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	0	
IBM	7094	4 1	9 3	>528	1 RES	6	1	0	1	1	0	0	2	0	1	1 >12	3	>301	2	DSK 2 1
				>352	1 ADM	10	1	1	0	1	0	0	0	0	0	0 > 9	3	>251	0	DRM 1
	INSTALLED:			>176	5 INS	6	3	0	2	1	0	0	0	0	1	1 > 6	4	>151	7	OTH 0
	PRIOR 30JUN70	12		> 0	3 P S	11	2	0	0	0	0	0	0	0	0	0 > 3	0	> 51	1	
	AFTER 30JUN70	1			C/I	10	1	1	1	0	0	0	0	0	0	0 > 0	0	> 0	3	
IMLAC		0 0	1 0	>528	0 RES	0	0	0	0	0	0	0	0	0	0	1 >12	0	>301	0	DSK 0 1
				>352	0 ADM	1	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	0 INS	1	0	0	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1 P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0	
	AFTER 30JUN70	0			C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	1	
INT 15		0 0	2 0	>528	1 RES	0	2	0	0	0	0	0	0	0	0	0 >12	0	>301	0	DSK 0 2
				>352	0 ADM	0	0	0	0	0	2	0	0	0	0	0 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	1 INS	0	0	0	0	2	0	0	0	0	0	0 > 6	0	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	0 P S	2	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0	
	AFTER 30JUN70	0			C/I	2	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	2	
INT 3		1 0	0 0	>528	0 RES	0	0	0	0	0	0	0	0	0	0	1 >12	0	>301	0	DSK 0 0
				>352	0 ADM	1	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	0 INS	1	0	0	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1 P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0	
	AFTER 30JUN70	0			C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	1	
INT 4		0 0	2 0	>528	0 RES	0	0	0	0	0	1	0	0	0	0	1 >12	0	>301	0	DSK 0 2
				>352	0 ADM	1	0	1	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	0 INS	1	0	0	1	0	0	0	0	0	0	0 > 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	2 P S	2	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0	
	AFTER 30JUN70	1			C/I	2	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	2	
LIN 300		0 0	0 0	>528	0 RES	0	0	0	0	0	0	0	0	1	0	0 >12	0	>301	0	DSK 0 1
				>352	0 ADM	1	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	1 INS	0	1	0	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0 P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0	
	AFTER 30JUN70	0			C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	1	> 0	1	
NANIAC!!!		0 0	0 1	>528	0 RES	0	0	0	0	0	0	0	1	0	0	0 >12	0	>301	0	DSK 1 0
				>352	0 ADM	0	1	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	0 INS	0	0	1	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1 P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	1	
	AFTER 30JUN70	0			C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	0	
NIC 800		0 0	1 0	>528	1 RES	0	0	0	1	0	0	0	0	0	0	0 >12	0	>301	0	DSK 0 1
				>352	0 ADM	1	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM 0
	INSTALLED:			>176	0 INS	0	0	0	0	0	0	1	0	0	0	0 > 6	0	>151	0	OTH 0
	PRIOR 30JUN70	0		> 0	0 P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0	
	AFTER 30JUN70	1			C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	1	

GROUP ( ) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	USAGE/MC AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE PERCENT N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPA-BILTY
MIT	TX-0	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12 0	>301 0	DSK	1	1
				>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 1	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
MONROBOTXI		0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
NCR	100	30 0	4 0	>528	1	RES	31	4	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	33	2
				>352	1	ADM	6	3	3	2	3	5	6	3	1	2	1	> 9 1	>251 0	DRM	0	
	INSTALLED:			>176	9	INS	7	1	3	4	5	7	1	2	1	3	1	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	27		> 0	20	P S	31	3	0	0	1	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	8				C/I	34	0	0	0	0	1	0	0	0	0	0	> 0 9	> 0 33			
NCR	200	9 0	2 0	>528	0	RES	8	3	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	11	1
				>352	0	ADM	0	1	2	2	0	1	2	1	1	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	9	INS	1	2	0	1	2	0	0	2	2	1	0	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	7		> 0	2	P S	11	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 3			
	AFTER 30JUN70	4				C/I	9	2	0	0	0	0	0	0	0	0	0	> 0 3	> 0 8			
NCR	310	1 0	0 0	>528	1	RES	0	0	0	0	0	1	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
NCR	315	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	1
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	1	0	0	0	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	1		> 0	0	P S	0	1	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 0			
NCR	390	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
NCR	395	1 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
NCR	500	0 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
NCR	615	3 0	0 0	>528	0	RES	1	2	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	3	0
				>352	0	ADM	1	0	0	0	0	2	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	2	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 3			
NDI	50-50	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
OLIVETTI		0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
UST	NEBULA	0 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
PHI	2000	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9 0	>251 1	DRM	1	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
RAY	PM440	0 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
RAY	THICE	0 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
RAY	703	0 0	0 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
RAY	706	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			

GROUP C) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	PERCENT USAGE BY TYPE PERCENT TYPE	N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPABILTY
HCA	110	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
HCA	301	3	0	0	1	>528	0	RES	2	1	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	2
						>352	0	ADM	1	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	1	0	0	0	0	1	1	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4				> 0	2	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	4			
HCA	70/35	10	0	3	0	>528	0	RES	9	4	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	12	1
						>352	1	ADM	1	2	0	1	1	2	1	2	2	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	8	INS	1	1	5	0	2	1	0	0	1	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	10				> 0	6	P S	10	1	1	0	0	1	0	0	0	0	0	> 3	8	> 51	13			
	AFTER 30JUN70	3						C/I	13	0	0	0	0	0	0	0	0	0	4	> 0	0					
HCA	70/45	4	0	2	0	>528	0	RES	2	4	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	5	2
						>352	2	ADM	0	0	0	1	1	1	0	0	2	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	1	1	1	0	1	1	1	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	3				> 0	0	P S	6	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	4			
	AFTER 30JUN70	3						C/I	8	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	1			
HCA	70/46	2	0	9	1	>528	2	RES	4	4	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	8	9
						>352	4	ADM	2	1	2	1	2	0	0	0	0	0	1	> 9	0	>251	4	DRM	9	
	INSTALLED:					>176	2	INS	1	1	1	0	1	0	2	2	0	0	1	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	7				> 0	1	P S	8	0	0	0	1	0	0	0	0	0	0	> 3	8	> 51	0			
	AFTER 30JUN70	2						C/I	8	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
HCA	70/55	1	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	0	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HPC	4000	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	1	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
SCC	DCT132	0	0	1	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
SCC	4700	0	0	3	0	>528	0	RES	0	0	1	0	0	0	0	0	0	1	1	>12	0	>301	0	DSK	3	1
						>352	1	ADM	2	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	1	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	3	0	0	0	0	0	0	0	0	0	1	> 0	3					
SCC	650	0	0	1	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1					
SEL	810	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
SEL	810-B	0	0	1	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
SEL	840A	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
SEL	86	1	0	0	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	0	0	0	0	1	0	0	0	0	0	0	> 0	0	> 0	0			
STD	IC4000	1	0	0	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
TEM	TEMP01	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
TRW	330	0	0	0	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	ATHENA	0	0	0	2	>528	0	RES	1	1	0	0	0	1	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	3	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4				> 0	4	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			

GROUP ( ) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CC	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
UNI	8590	0 0	1 0	>520	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
UNI	1004	2 0	1 0	>520	0	RES	4	0	0	4	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	2
				>352	0	ADM	0	0	0	5	1	0	0	0	0	0	2	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	2	0	0	0	4	0	1	1	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	6		> 0	7	P S	8	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	8	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0	4			
UNI	1005	0 0	1 0	>520	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
UNI	1106	0 0	1 0	>520	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301	1	DSK	0	1
				>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9 0	>251	0	DRM	1	
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	0			
UNI	1107	0 0	1 0	>520	1	RES	0	0	0	0	0	0	0	0	1	0	0	>12 1	>301	1	DSK	0	0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0			
UNI	1108	3 0	5 0	>520	2	RES	1	3	3	1	1	0	0	0	0	0	0	>12 0	>301	4	DSK	1	7
				>352	4	ADM	1	1	3	1	2	0	0	0	0	0	1	> 9 0	>251	0	DRM	8	
	INSTALLED:			>176	1	INS	1	1	0	1	3	1	1	0	0	0	0	> 6 4	>151	0	OTH	0	
	PRIOR 30JUN70	6		> 0	1	P S	4	3	0	1	0	0	0	0	0	0	0	> 3 4	> 51	0			
	AFTER 30JUN70	2				C/I	6	0	1	0	1	0	1	0	0	0	0	> 0 0	> 0	0			
UNI	120	0 0	1 0	>520	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	1	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0			
UNI	1409	0 0	0 0	>520	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	1
				>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0			
UNI	4181	0 0	1 0	>520	1	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	1			
UNI	4181I	0 0	1 0	>520	1	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
UNI	422	1 0	0 0	>520	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
UNI	9200	13 0	4 0	>520	0	RES	8	4	0	2	0	1	1	0	0	0	1	>12 0	>301	0	DSK	0	8
				>352	0	ADM	6	2	1	0	0	1	2	0	2	2	1	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	4	INS	4	3	1	1	1	2	1	2	1	1	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	13		> 0	11	P S	17	0	0	0	0	0	0	0	0	0	0	> 3 2	> 51	0			
	AFTER 30JUN70	4				C/I	17	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	16			
UNI	9300	15 0	1 0	>520	0	RES	10	3	0	0	0	1	1	1	0	0	0	>12 0	>301	0	DSK	5	5
				>352	2	ADM	4	1	1	0	0	0	1	1	1	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	10	INS	4	2	2	1	0	1	1	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	12		> 0	4	P S	14	0	0	0	0	0	0	0	0	0	0	> 3 14	> 51	0			
	AFTER 30JUN70	4				C/I	14	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	15			
UNI	9400	2 0	0 0	>520	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	2	1
				>352	0	ADM	0	0	0	0	0	0	0	0	2	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	0	1	1	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51	2			
	AFTER 30JUN70	2				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	0			
VAR	620*1	0 0	5 0	>520	0	RES	1	0	0	0	0	0	0	0	1	0	3	>12 0	>301	0	DSK	1	5
				>352	0	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	3	0	1	0	0	0	0	0	0	0	1	> 6 0	>151	5	OTH	0	
	PRIOR 30JUN70	5		> 0	5	P S	5	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	5			
VAR	620I	0 0	2 0	>520	0	RES	0	0	0	0	0	0	0	0	0	0	2	>12 0	>301	0	DSK	0	0
				>352	0	ADM	2	0	2	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	2	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	1				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0	2			
WAN	700	0 0	3 0	>520	0	RES	0	0	0	0	0	0	0	2	0	0	0	1 >12	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	2	0	0	0	0	0	0	0	0 > 9	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	2	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	2				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0	2			
WAN	700A	0 0	1 0	>520	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0			

GROUP C — SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED COMP	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	USAGE/MO AC.	TYPE	PERCENT USAGE BY TYPE %	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE THOUSAND OF CHARS	CAP	ADDL STORAGE TYPE	NO	CONN CAPABILITY
XDS	SIGMA2	2	0	3	1	>520	1	RES	0	0	0	0	0	0	0	2	0	0	3	>12	0	>301	0	DSK	2	0
						>352	0	ADM	4	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	3	1	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5				> 0	2	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	5			
XDS	SIGMA3	0	0	1	0	>520	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
XDS	SIGMA5	4	0	4	0	>520	0	RES	2	2	0	1	0	0	0	0	0	1	2	>12	0	>301	0	DSK	5	4
						>352	0	ADM	6	0	0	0	0	0	1	1	0	0	0	> 9	0	>251	1	DRM	3	
	INSTALLED:					>176	2	INS	4	2	0	1	0	0	0	1	0	0	0	> 6	0	>151	2	OTH	0	
	PRIOR 30JUN70	4				> 0	5	P S	8	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	3			
	AFTER 30JUN70	4						C/I	7	1	0	0	0	0	0	0	0	0	0	> 0	7	> 0	2			
XDS	SIGMA8	1	0	0	0	>520	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	0	0	0	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	0	0	0	1	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
XDS	SIGMA7	9	1	11	0	>520	1	RES	3	1	0	3	0	0	1	0	0	2	2	>12	0	>301	2	DSK	11	7
						>352	3	ADM	7	1	3	0	0	1	0	0	0	0	0	> 9	0	>251	3	DRM	3	
	INSTALLED:					>176	5	INS	5	1	1	3	0	0	0	2	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	12				> 0	1	P S	9	3	0	0	0	0	0	0	0	0	0	> 3	4	> 51	4			
	AFTER 30JUN70	0						C/I	9	1	1	0	0	0	1	0	0	0	0	> 0	9	> 0	3			
XDS	7070	1	0	0	0	>520	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
XDS	910	0	0	0	0	>520	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
XDS	92	0	0	0	0	>520	0	RES	0	0	0	0	0	0	0	0	1	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
XDS	925	1	1	1	0	>520	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
XDS	930	0	0	3	0	>520	0	RES	0	0	0	0	0	0	0	0	0	0	3	>12	0	>301	0	DSK	1	1
						>352	1	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:					>176	2	INS	3	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	3				> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
XDS	9300	1	0	1	0	>520	0	RES	0	0	0	0	1	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	1	ADM	1	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	1	INS	0	0	0	1	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	2			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			

GROUP (PUBLIC)

SUMMARY OF COMPUTERS

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	USAGE/MC AVG HRS	NO.	PERCENT USAGE BY TYPE TYPE	N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE IN THOUSAND OF CHARS	CAP OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
ADG	AD4	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70	1		> 0																					
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
ADG	AGT-30	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70	1		> 0																					
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
ADG	AGT-10	0	0	2	0	>528	0	RES	0	0	0	0	0	0	2	0	0	0	>12	0	>301	0	DSK	2	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	2	INS	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	2	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70	2		> 0																					
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2					
BIT	480	0	0	3	0	>528	0	RES	3	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	2	INS	0	0	0	0	0	0	0	0	0	3	> 6	0	>151	0	OTH	0	
	INSTALLED:						1	P S	3	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70	3		> 0																					
	AFTER 30JUN70	0					C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	3					
BUR	B2500	9	0	1	0	>528	0	RES	7	2	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	9	1
						>352	1	ADM	3	1	1	1	1	1	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	4	INS	2	1	0	0	1	2	0	1	2	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						3	P S	7	0	0	0	0	0	0	1	0	1	> 3	4	> 51	4			
	PRIOR 30JUN70	4		> 0																					
	AFTER 30JUN70	5					C/I	8	1	0	0	0	0	0	0	0	0	0	> 0	5	> 0	5			
BUR	B3500	2	0	0	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	1
						>352	1	ADM	1	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	1	INS	0	0	0	0	1	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	2	0	0	0	0	0	0	0	0	0	> 3	1	> 51	2			
	PRIOR 30JUN70	2		> 0																					
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
BUR	B5500	6	0	3	0	>528	1	RES	1	0	2	0	0	1	0	1	1	2	0	>12	0	>301	0	DSK	8	5
						>352	2	ADM	6	2	0	0	0	0	0	0	0	0	> 9	1	>251	7	DRM	0	
						>176	1	INS	1	2	2	0	0	1	0	0	0	2	> 6	0	>151	0	OTH	0	
	INSTALLED:						3	P S	8	0	0	0	0	0	0	0	0	0	> 3	5	> 51	0			
	PRIOR 30JUN70	7		> 0																					
	AFTER 30JUN70	1					C/I	8	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	1			
BUR	B6500	1	0	1	0	>528	0	RES	0	0	0	0	0	1	0	0	0	1	0	>12	0	>301	0	DSK	7	1
						>352	0	ADM	1	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	1	INS	1	0	0	0	0	1	0	0	0	0	> 6	1	>151	0	OTH	0	
	INSTALLED:						1	P S	2	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	PRIOR 30JUN70	2		> 0																					
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	G15	0	0	0	2	>528	0	RES	1	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
						>176	0	INS	1	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	1	
	INSTALLED:						2	P S	2	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	PRIOR 30JUN70	2		> 0																					
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	G20	0	0	2	0	>528	0	RES	0	0	0	0	0	0	1	1	0	0	0	>12	0	>301	0	DSK	0	0
						>352	2	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	0	0	1	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						2	P S	2	0	0	0	0	0	0	0	0	0	> 3	2	> 51	2			
	PRIOR 30JUN70	2		> 0																					
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	LGP30	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
						>176	0	INS	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	INSTALLED:						1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70	1		> 0																					
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	160	0	0	1	1	>528	0	RES	0	0	0	0	1	0	1	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						2	P S	2	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70	2		> 0																					
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
CDC	160A	0	0	1	1	>528	0	RES	0	0	0	0	0	0	0	0	1	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	1	INS	1	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						1	P S	2	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70	2		> 0																					
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
CDC	1604	1	0	1	1	>528	1	RES	1	0	0	0	0	1	0	0	1	0	1	>12	0	>301	0	DSK	1	0
						>352	1	ADM	4	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
						>176	0	INS	2	0	1	0	0	0	0	0	0	0	> 6	2	>151	0	OTH	0	
	INSTALLED:						1	P S	4	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	PRIOR 30JUN70	4		> 0																					
	AFTER 30JUN70	0					C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
CDC	1700	3	0	3	0	>528	1	RES	3	0	0	1	0	1	0	0	0	1	0	>12	0	>301	0	DSK	5	3
						>352	1	ADM	6	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	1	INS	2	1	0	1	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						3	P S	3	0	1	0	0	0	0	0	0	0	> 3	0	> 51	4			
	PRIOR 30JUN70	4		> 0																					
	AFTER 30JUN70	2					C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	2			
CDC	3100	2	0	2	0	>528	0	RES	0	0	0	2	0	0	0	0	0	1	>12	0	>301	0	DSK	2	1
						>352	0	ADM	2	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	3	INS	1	0	0	0	0	0	1	1	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	3	0	0	0	0	0	0	0	0	0	> 3	2	> 51	2			
	PRIOR 30JUN70	3		> 0																					
	AFTER 30JUN70	0					C/I	2	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
CDC	3150	6	0	0	0	>528	0	RES	2	4	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	6	6
						>352	2	ADM	0	0	2	2	1	0	0	1	0	0	> 9	0	>251	0	DRM	0	
						>176	3	INS	0	0	1	0	0	1	2	1	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						1	P S	6	0	0	0	0	0	0	0	0	0	> 3	0	> 51	5			
	PRIOR 30JUN70	5		> 0																					
	AFTER 30JUN70	1					C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	6	> 0	1			
CDC	3200	2	0	2	0	>528	0	RES	0	0	0	1	0	0	1	0	0	1	0	>12	0	>301	0	DSK	3	2
						>352	0	ADM	0	3	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	1	INS	1	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						2	P S	2	1	0	0	0	0	0	0	0	0	> 3	1	> 51	3			
	PRIOR 30JUN70	3		> 0																					
	AFTER 30JUN70	0					C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			

SUMMARY OF COMPUTERS
GROUP (PUBLIC)) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED H-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPA-BILTY
CDC	3300	5	0	2	0	>528	3	RES	1	2	2	1	0	0	0	0	0	1	0	>12	0	>301	3	DSK	7	6
						>352	1	ADM	1	0	1	2	2	1	0	0	0	0	0	> 9	0	>251	3	DRM	0	
	INSTALLED:					>176	2	INS	0	2	0	2	0	1	1	0	1	0	0	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	6				> 0	1	P S	0	0	0	1	0	0	0	0	0	0	0	> 3	4	> 51	1			
	AFTER 30JUN70	1						C/I	0	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
CDC	3400	1	0	3	0	>528	1	RES	0	0	0	1	0	0	0	1	1	1	0	>12	0	>301	0	DSK	3	0
						>352	0	ADM	3	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	2	DRM	1	
	INSTALLED:					>176	1	INS	0	2	0	1	0	0	1	0	0	0	0	> 6	1	>151	1	OTH	0	
	PRIOR 30JUN70	3				> 0	2	P S	3	1	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	1						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
CDC	3600	1	0	4	0	>528	2	RES	0	0	0	0	0	1	0	0	3	1	0	>12	1	>301	2	DSK	3	2
						>352	2	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	1	>251	3	DRM	3	
	INSTALLED:					>176	0	INS	0	2	2	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5				> 0	1	P S	4	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
CDC	3770	1	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
CDC	6400	7	0	4	0	>528	5	RES	1	0	0	3	0	4	0	0	0	2	0	>12	0	>301	8	DSK	10	8
						>352	1	ADM	7	1	2	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	2	INS	1	2	1	2	0	1	2	1	0	0	0	> 6	2	>151	0	OTH	1	
	PRIOR 30JUN70	7				> 0	1	P S	8	2	0	0	0	0	0	0	0	0	0	> 3	5	> 51	4			
	AFTER 30JUN70	0						C/I	9	0	0	1	0	0	0	0	0	0	0	> 0	2	> 0	0			
CDC	6500	0	0	2	0	>528	0	RES	0	0	0	0	0	1	0	0	0	1	0	>12	0	>301	2	DSK	2	2
						>352	0	ADM	1	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	1	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0						C/I	1	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	6600	1	0	3	0	>528	1	RES	0	0	0	0	0	0	1	1	1	0	0	>12	0	>301	3	DSK	3	1
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	1	INS	0	1	0	2	0	0	0	0	0	0	0	> 6	1	>151	0	OTH	1	
	PRIOR 30JUN70	2				> 0	0	P S	1	2	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	1						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	8090	0	0	3	1	>528	0	RES	0	1	0	0	0	0	0	2	0	0	1	>12	0	>301	0	DSK	0	2
						>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	2	0	0	1	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4				> 0	1	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	4			
CDC	915	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	1	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	924	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	1
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
DAG	NOVA	0	0	2	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
DAG	4001	0	0	2	1	>528	0	RES	3	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	3	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DAG	8101	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DEC	LINC	0	0	4	0	>528	0	RES	0	0	0	0	0	0	0	0	2	2	2	>12	0	>301	0	DSK	0	4
						>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	4	INS	2	0	2	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4				> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	4			
DEC	LINC8	0	0	9	0	>528	0	RES	1	1	0	0	0	1	0	0	1	2	3	>12	0	>301	0	DSK	2	2
						>352	4	ADM	9	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	4	2	1	0	0	1	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	9				> 0	4	P S	9	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	8	0	0	0	0	0	0	0	0	0	1	> 0	7	> 0	9			
DEC	PDP1	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
DEC	PDP10	1	0	6	0	>528	0	RES	0	2	0	2	2	0	0	0	0	0	2	>12	0	>301	4	DSK	8	7
						>352	3	ADM	5	2	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	4	INS	2	0	0	1	1	1	1	0	0	2	0	> 6	1	>151	2	OTH	1	
	PRIOR 30JUN70	3				> 0	1	P S	7	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	5						C/I	7	1	0	0	0	0	0	0	0	0	0	> 0	5	> 0	1			
DEC	PDP11	1	0	4	1	>528	0	RES	1	0	0	0	0	1	0	1	1	0	1	>12	0	>301	0	DSK	1	1
						>352	1	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	2	0	1	1	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	2	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	3						C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			

GROUP (PUBLIC)) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED H-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTH	USAGE/WC AVG HRS	WC NO.	WC TYPE	PERCENT USAGE BY TYPE WC	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITS	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	COMM CAPA-BILITY
DEC	PDP12	1	0	11	1	>528	0	RES	1	1	0	0	0	0	0	1	2	5	2	>12	0	>301	0	DSK 3 4
						>352	1	ADM	11	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	4	INS	4	4	2	1	0	0	0	0	0	1	0	> 6	0	>151	0	OTH 2
	PRIOR 30JUN70	11				> 0	5	P S	12	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	1	
	AFTER 30JUN70	1						C/I	12	0	0	0	0	0	0	0	0	0	0	> 0	10	> 0	11	
DEC	PDP12A	0	0	3	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	2	>12	0	>301	0	DSK 0 0
						>352	0	ADM	2	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	0	INS	2	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1				> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	2						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	3	
DEC	PDP15	0	0	10	0	>528	0	RES	2	0	0	0	0	0	1	0	1	0	1	5	>12	0	>301	0	DSK 3 1
						>352	1	ADM	9	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	3	INS	6	2	0	1	0	1	0	0	0	0	0	> 6	0	>151	0	OTH 3
	PRIOR 30JUN70	2				> 0	3	P S	9	1	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0	
	AFTER 30JUN70	8						C/I	10	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	10	
DEC	PDP5	0	0	1	1	>528	0	RES	0	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	0	2	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	2				> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2	
DEC	PDP8	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	1	DSK 1 0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
DEC	PDP7	0	0	5	1	>528	1	RES	0	0	0	0	0	0	0	0	0	3	2	>12	0	>301	0	DSK 0 1
						>352	2	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	1	INS	3	2	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 2
	PRIOR 30JUN70	5				> 0	0	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	0						C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	5	
DEC	PDP8	0	0	17	4	>528	3	RES	6	0	1	2	0	0	0	1	2	2	10	>12	0	>301	0	DSK 2 5
						>352	5	ADM	22	0	0	1	0	0	0	0	0	0	1	> 9	0	>251	0	DRM 1
	INSTALLED:					>176	6	INS	14	2	2	2	1	0	0	0	1	0	2	> 6	0	>151	0	OTH 2
	PRIOR 30JUN70	24				> 0	7	P S	24	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0						C/I	23	1	0	0	0	0	0	0	0	0	0	> 0	8	> 0	21	
DEC	PDP8/F	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK 0 0
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
DEC	PDP8E	0	0	3	0	>528	0	RES	2	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK 0 0
						>352	2	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	0	INS	1	0	0	1	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	0				> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	3						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3	
DEC	PDP8I	0	0	22	3	>528	0	RES	7	6	0	1	0	3	2	1	0	1	3	>12	0	>301	0	DSK 11 0
						>352	1	ADM	22	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	6	INS	8	1	1	0	2	2	1	0	0	0	7	> 6	0	>151	0	OTH 2
	PRIOR 30JUN70	20				> 0	14	P S	22	1	0	0	0	1	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	4						C/I	24	0	0	0	0	0	0	0	0	0	0	> 0	8	> 0	22	
DEC	PDP8L	0	0	7	3	>528	0	RES	8	0	0	0	0	0	0	1	1	2	0	2	>12	0	>301	0	DSK 0 0
						>352	3	ADM	11	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	2	INS	6	0	2	1	0	0	0	0	0	1	2	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	12				> 0	4	P S	11	0	0	0	0	1	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0						C/I	12	0	0	0	0	0	0	0	0	0	0	> 8	2	> 0	11	
DEC	PDP8S	0	0	7	0	>528	0	RES	2	0	0	0	0	0	0	1	0	1	3	>12	0	>301	0	DSK 0 1
						>352	0	ADM	7	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	1	INS	3	1	0	1	0	0	0	0	0	0	2	> 6	0	>151	0	OTH 1
	PRIOR 30JUN70	7				> 0	5	P S	7	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0						C/I	7	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	7	
DEC	PDP9	1	0	11	0	>528	1	RES	2	0	1	0	0	2	0	0	3	4	2	>12	0	>301	0	DSK 5 5
						>352	3	ADM	13	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	2	INS	3	5	2	0	0	2	0	0	1	0	1	> 6	0	>151	0	OTH 2
	PRIOR 30JUN70	13				> 0	7	P S	13	1	0	0	0	0	0	0	0	0	0	> 3	3	> 51	1	
	AFTER 30JUN70	1						C/I	14	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	12	
DEC	880	0	0	2	0	>528	0	RES	0	0	0	0	1	1	0	0	0	0	0	>12	0	>301	0	DSK 0 2
						>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	1	INS	0	0	0	0	0	1	1	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	2				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2	
DEL	3080	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 1
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1	
USC	META4	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK 1 0
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1	
EAI	TR48	0	0	1	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK 0 0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
EAI	231R	1	0	0	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	

GROUP (PUBLIC)) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED M-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	USAGE/MO NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	COMM CAPA-BILTY
EAI	580	0	0	2	0	>528	0	RES	0	0	0	1	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
EAI	640	0	0	0	1	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
EAI	680	0	0	0	1	>528	0	RES	0	1	0	3	0	0	2	2	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	9	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	2	2	0	0	3	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	9				> 0	7	P S	9	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	9	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
EAI	8800	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
FRI	5610	0	0	1	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	0	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	DNET30	1	0	2	0	>528	2	RES	0	2	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	3
						>352	0	ADM	1	0	2	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	2	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
GEC	115	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	0	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
GEC	210	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
GEC	225	0	0	4	4	>528	2	RES	3	2	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	4	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	1	0	0	0	0	0	0	0	1	4	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5				> 0	1	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	1			
	AFTER 30JUN70	1						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			
GEC	255	0	0	1	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	1	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	0	0	0	1	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	312	0	0	0	1	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GEC	425	1	0	0	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	635	0	0	1	0	>528	1	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	0
						>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GRI	909	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HEP	2000A	1	0	0	0	>528	1	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HEP	2007	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2007A	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2114A	0	0	1	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			

GROUP (PUBLIC)) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CC	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE THOUSAND OF CHARS	CAP	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
HEP	2114B	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HEP	2115A	0 0	4 0	>528	0	RES	1	0	0	1	0	1	0	0	0	2	0	>12	0	>301	0	DSK	0	2
				>352	1	ADM	4	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	2	0	0	0	2	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	3	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HEP	2116	0 0	2 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	1
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HEP	2116A	0 0	2 0	>528	0	RES	0	0	0	0	0	1	0	0	0	1	0	>12	0	>301	0	DSK	0	1
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	1	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
HEP	2116B	0 0	3 1	>528	0	RES	1	0	0	0	0	0	0	0	0	1	1	>12	0	>301	0	DSK	1	1
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	2	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	3			
HEP	9100A	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HEP	9100B	0 0	2 0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	2	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HEP	9101A	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	DDP116	0 0	2 0	>528	0	RES	0	0	0	0	0	0	0	1	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HON	H21	0 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	H316	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HON	115	1 0	0 0	>528	0	RES	1	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	1200	1 0	0 0	>528	2	RES	3	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	2	1	0	0	0	0	0	0	0	0	0	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
HON	1250	3 0	1 0	>528	1	RES	2	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	0
				>352	0	ADM	0	0	0	0	1	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	1	0	0	0	0	1	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	2			
	AFTER 30JUN70	1				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	200	9 1	3 0	>528	0	RES	8	4	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	3	4
				>352	2	ADM	3	0	1	0	2	1	1	3	1	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	4	INS	4	0	2	1	1	3	1	1	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	13		> 0	5	P S	12	0	1	0	0	0	0	0	0	0	0	> 3	7	> 51	0			
	AFTER 30JUN70	0				C/I	13	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	13			
HON	3.0	1 0	3 1	>528	0	RES	1	2	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	3	INS	1	0	0	0	0	1	0	0	0	2	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0	0	P S	4	0	0	0	0	3	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	4			
HON	516	0 0	1 2	>528	0	RES	2	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	2	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HON	815	1 0	0 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	1	>301	0	DSK	1	1
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			

SUMMARY OF COMPUTERS
CONTINUED

GROUP (PUBLIC) 3

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED M-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	USAGE/MO NO.	PERCENT USAGE BY TYPE											NUMBER TAPE DRIVES	CORE THOUSAND OF CHARS	CAP	ADDL STORAGE TYPE	ADDL STORAGE NO	CONN CAPA-BILITY
								TYPE	N/C	10	20	30	40	50	60	70	80	90	100						
HON	635	0	0	1	0	>528	1	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	SYS3	2	0	0	0	>528	0	RES	4	0	0	0	0	0	0	0	0	0	> 0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	3	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	4	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	4	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	4						C/I	4	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	1130	144	0	38	0	>528	2	RES	91	43	14	8	2	5	0	2	2	8	4	>12	0	>301	0	DSK	101	37
						>352	7	ADM	79	22	14	9	15	14	11	9	5	4	2	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	62	INS	25	14	6	13	17	18	10	12	20	22	21	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	152				> 0	92	P S	169	8	1	0	0	0	0	0	0	1	1	> 3	1	> 51	4			
	AFTER 30JUN70	28						C/I	172	4	0	0	0	0	0	0	1	0	1	> 0	5	> 0	171			
IBM	1380	1	0	0	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	1401	85	1	24	3	>528	3	RES	72	20	9	3	1	1	3	1	2	3	3	>12	0	>301	0	DSK	75	2
						>352	7	ADM	21	10	8	6	11	5	8	2	13	9	10	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	41	INS	34	10	13	8	7	10	5	8	3	4	7	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	110				> 0	56	P S	104	1	1	1	0	0	1	0	0	0	0	> 3	23	> 51	1			
	AFTER 30JUN70	0						C/I	104	3	3	0	0	0	0	0	0	0	0	> 0	43	> 0	106			
IBM	1410	4	0	1	1	>528	0	RES	2	1	0	0	1	1	0	0	0	0	0	>12	0	>301	0	DSK	3	1
						>352	2	ADM	0	0	1	0	0	1	0	0	1	0	2	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	3	1	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4				> 0	1	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	5	> 51	2			
	AFTER 30JUN70	1						C/I	4	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
IBM	1440	1	0	1	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	0
						>352	1	ADM	0	0	0	0	0	0	0	0	0	1	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
IBM	1460	3	0	0	0	>528	0	RES	3	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	1
						>352	1	ADM	0	0	0	0	0	0	0	0	0	1	2	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	3	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	3			
IBM	1500	1	0	1	0	>528	1	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
IBM	1620	29	0	78	0	>528	2	RES	57	20	12	4	1	2	2	3	1	3	0	>12	0	>301	0	DSK	53	0
						>352	4	ADM	64	15	5	3	3	4	3	3	1	2	2	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	24	INS	8	6	4	6	2	4	5	14	10	10	30	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	103				> 0	68	P S	102	3	0	0	0	0	0	0	0	0	0	> 3	2	> 51	7			
	AFTER 30JUN70	2						C/I	103	2	0	0	0	0	0	0	0	0	0	> 0	3	> 0	94			
IBM	1710	1	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	1800	11	0	18	0	>528	9	RES	4	0	1	0	2	2	0	2	2	2	11	>12	0	>301	0	DSK	24	8
						>352	2	ADM	21	1	2	0	0	0	0	0	0	0	2	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	8	INS	16	3	3	1	1	1	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	24				> 0	4	P S	23	1	1	0	0	1	0	0	0	0	0	> 3	0	> 51	15			
	AFTER 30JUN70	2						C/I	26	0	0	0	0	0	0	0	0	0	0	> 0	15	> 0	9			
IBM	360	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
IBM	360/20	81	1	11	0	>528	1	RES	56	14	1	2	1	5	0	4	2	1	1	>12	0	>301	0	DSK	22	22
						>352	9	ADM	22	4	2	2	4	4	2	2	5	10	24	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	25	INS	31	9	7	3	6	9	4	2	3	5	8	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	77				> 0	45	P S	85	2	0	0	0	0	0	0	0	0	0	> 3	3	> 51	2			
	AFTER 30JUN70	10						C/I	87	0	0	0	0	0	0	0	0	0	0	> 0	14	> 0	85			
IBM	360/25	41	1	1	0	>528	0	RES	37	5	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	40	3
						>352	1	ADM	4	2	10	4	6	3	1	2	4	2	4	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	18	INS	7	4	2	2	3	3	5	8	4	2	2	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	33				> 0	20	P S	36	3	2	0	1	0	0	0	0	0	0	> 3	7	> 51	0			
	AFTER 30JUN70	9						C/I	41	0	1	0	0	0	0	0	0	0	0	> 0	15	> 0	42			
IBM	360/30	48	0	26	2	>528	1	RES	39	17	3	3	1	0	0	0	0	0	0	>12	0	>301	1	DSK	63	9
						>352	11	ADM	3	3	6	12	9	8	4	2	4	1	11	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	32	INS	15	4	5	4	8	8	4	7	4	1	1	> 6	1	>151	0	OTH	1	
	PRIOR 30JUN70	52				> 0	19	P S	55	3	0	2	2	0	0	0	0	1	0	> 3	14	> 51	44			
	AFTER 30JUN70	11						C/I	61	2	0	0	0	0	0	0	0	0	0	> 0	35	> 0	18			
IBM	360/40	62	0	32	0	>528	9	RES	41	21	7	7	3	2	0	1	0	0	0	>12	0	>301	0	DSK	78	33
						>352	20	ADM	9	3	7	12	13	6	11	0	5	3	14	> 9	0	>251	23	DRM	0	
	INSTALLED:					>176	36	INS	21	9	3	10	16	5	6	8	0	2	2	> 6	0	>151	11	OTH	2	
	PRIOR 30JUN70	68				> 0	7	P S	71	7	2	1	0	0	0	0	0	1	0	> 3	37	> 51	45			
	AFTER 30JUN70	14						C/I	77	4	0	0	0	1	0	0	0	0	0	> 0	38	> 0	3			
IBM	360/44	9	0	7	0	>528	1	RES	0	3	0	1	2	0	3	1	1	1	2	>12	0	>301	1	DSK	14	1
						>352	3	ADM	0	1	3	1	0	1	0	0	0	0	0	> 9	0	>251	5	DRM	0	
	INSTALLED:					>176	10	INS	3	2	3	2	1	1	0	1	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	13				> 0	0	P S	11	2	0	1	0	0	0	0	0	0	0	> 3	4	> 51	7			
	AFTER 30JUN70	1						C/I	12	2	0	0	0	0	0	0	0	0	0	> 0	9	> 0	1			

GROUP (PUBLIC)) SUMMARY OF COMPUTERS CONTAINED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED MFG	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CUMM CAPABILITY
IBM	360/50	54	1	12	0	>528	12	RES	19	7	5	7	10	0	5	1	0	0	0	>12	0	>301	39	DSK	53	87
						>352	21	ADM	9	5	11	5	2	7	2	1	1	2	9	>9	0	>251	12	DRM	0	
	INSTALLED:					>176	15	INS	17	2	7	8	11	5	2	1	0	1	0	>6	8	>151	0	OTH	2	
	PRIOR 30JUN70			42		> 0	6	P S	41	9	2	0	0	0	0	0	1	0	1	>3	26	> 51	3			
	AFTER 30JUN70			12				C/I	52	1	0	1	0	0	0	0	0	0	0	> 0	20	> 0	0			
IBM	360/65	10	0	10	0	>528	3	RES	1	0	0	1	6	5	1	2	1	3	0	>12	0	>301	19	DSK	20	10
						>352	8	ADM	7	2	3	4	4	0	0	0	0	0	0	>9	0	>251	1	DRM	5	
	INSTALLED:					>176	7	INS	3	4	8	1	2	2	0	0	0	0	0	>6	4	>151	0	OTH	7	
	PRIOR 30JUN70			17		> 0	1	P S	17	2	1	0	0	0	0	0	0	0	0	>3	11	> 51	0			
	AFTER 30JUN70			3				C/I	18	2	0	0	0	0	0	0	0	0	0	> 0	3	> 0	0			
IBM	360/67	5	0	7	0	>528	4	RES	0	3	0	1	0	0	2	3	1	0	0	>12	0	>301	9	DSK	9	9
						>352	4	ADM	1	0	2	1	0	1	0	0	0	0	0	>9	1	>251	0	DRM	5	
	INSTALLED:					>176	2	INS	0	1	1	2	4	1	0	0	0	0	1	>6	2	>151	0	OTH	3	
	PRIOR 30JUN70			8		> 0	0	P S	9	1	0	0	0	0	0	0	0	0	0	>3	6	> 51	0			
	AFTER 30JUN70			4				C/I	10	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	360/75	3	0	2	0	>528	0	RES	0	0	0	2	0	0	1	1	0	0	0	>12	0	>301	4	DSK	4	4
						>352	1	ADM	2	0	1	1	0	0	0	0	0	0	0	>9	0	>251	0	DRM	3	
	INSTALLED:					>176	1	INS	0	0	0	3	1	0	0	0	0	0	0	>6	1	>151	0	OTH	0	
	PRIOR 30JUN70			4		> 0	2	P S	4	0	0	0	0	0	0	0	0	0	0	>3	1	> 51	4			
	AFTER 30JUN70			0				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
IBM	360/91	1	0	2	0	>528	2	RES	0	0	0	0	0	0	0	1	0	1	0	>12	0	>301	2	DSK	2	2
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	2	
	INSTALLED:					>176	0	INS	0	1	0	1	0	0	0	0	0	0	0	>6	1	>151	0	OTH	0	
	PRIOR 30JUN70			2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	>3	1	> 51	0			
	AFTER 30JUN70			0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	7010	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	1	ADM	0	0	0	0	0	0	0	0	0	0	1	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70			1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70			0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
IBM	7040	3	0	2	0	>528	0	RES	0	0	0	0	0	0	1	1	0	0	2	>12	0	>301	0	DSK	2	0
						>352	2	ADM	3	0	1	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	0	0	1	1	0	0	0	0	0	0	0	>6	3	>151	3	OTH	0	
	PRIOR 30JUN70			4		> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	>3	1	> 51	0			
	AFTER 30JUN70			0				C/I	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	7044	1	0	0	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	1	ADM	0	0	1	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	>6	1	>151	1	OTH	0	
	PRIOR 30JUN70			1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70			0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	7090	0	0	1	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	1	0	0	0	0	0	0	0	0	>6	0	>151	1	OTH	0	
	PRIOR 30JUN70			1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	1	> 51	0			
	AFTER 30JUN70			0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	7094	3	1	5	3	>528	0	RES	5	1	0	1	0	0	0	0	0	1	1	>12	3	>301	1	DSK	1	0
						>352	1	ADM	7	1	0	0	1	0	0	0	0	0	0	>9	1	>251	0	DRM	0	
	INSTALLED:					>176	4	INS	5	2	0	0	1	0	0	0	0	0	1	>6	3	>151	0	OTH	0	
	PRIOR 30JUN70			8		> 0	1	P S	9	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	1			
	AFTER 30JUN70			1				C/I	7	0	1	1	0	0	0	0	0	0	0	> 0	0	> 0	1			
IMLAC		0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70			1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70			0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
INT	15	0	0	2	0	>528	1	RES	0	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	2
						>352	0	ADM	0	0	0	0	0	2	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	2	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70			2		> 0	0	P S	2	0	0	0	0	2	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70			0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
INT	4	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70			1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70			0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
MONROBOT	XI	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70			1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70			0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
NCR	100	10	0	3	0	>528	1	RES	10	4	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	20	1
						>352	1	ADM	4	2	1	1	3	3	4	2	0	1	1	>9	1	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	4	1	2	2	2	5	1	1	1	2	1	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70			17		> 0	15	P S	20	2	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70			5				C/I	22	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	20			
NCR	200	5	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	1	2	0	0	0	1	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	4	INS	0	0	0	1	0	0	2	2	1	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70			4		> 0	2	P S	0	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70			2				C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
NCR	310	1	0	0	0	>528	1	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70			1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70			0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
NCR	315	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	1	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	1	0	0	0	>6	0	>151	0	OTH	1	
	PRIOR 30JUN70			1		> 0	0	P S	0	1	0	0	0	0	0	0	0	0	0	>3	0	> 51	1			
	AFTER 30JUN70			0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			

GROUP (PUBLIC)) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CONN CAPABILITY
NCH	390	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
NCH	500	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
NCH	615	2	0	0	0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	0
						>352	0	ADM	1	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
OLIVETTI		0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
OSI	NEBULA	0	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
PHI	2000	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	> 9	1	>251	1	DRM	1	
	INSTALLED:					>176	1	INS	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HCA	110	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	0		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
HCA	301	3	0	0	0	>528	0	RES	2	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	2
						>352	0	ADM	0	1	0	0	0	2	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	0	0	0	0	1	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0		1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0					C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
HCA	70/35	9	0	2	0	>528	0	RES	7	4	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	11	1
						>352	1	ADM	1	2	0	1	1	2	1	2	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	5	INS	0	1	4	0	2	1	0	0	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	9		> 0		5	P S	8	1	1	0	0	1	0	0	0	0	0	> 3	8	> 51	11			
	AFTER 30JUN70	2					C/I	11	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
HCA	70/45	4	0	2	0	>528	0	RES	2	4	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	5	2
						>352	2	ADM	0	0	0	1	1	1	0	0	2	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	1	1	1	0	1	1	1	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	3		> 0		0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	4			
	AFTER 30JUN70	3					C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	1			
HCA	70/46	1	0	4	1	>528	1	RES	2	2	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	4	4
						>352	3	ADM	0	1	2	0	0	0	0	0	0	0	> 9	0	>251	4	DRM	4	
	INSTALLED:					>176	0	INS	1	0	1	0	0	0	2	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0		0	P S	3	0	0	0	0	1	0	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	2					C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
SCC	CT132	0	0	1	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
SCC	4700	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	0	1	1	>12	0	>301	0	DSK	2	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
SCC	650	0	0	1	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
SEL	810	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
SEL	840A	0	0	1	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
STD	IC4000	1	0	0	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
TEM	TEMP01	0	0	1	0	>5[illegible]	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>3[illegible]	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>1	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		>			0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			

GROUP (PUBLIC)) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE A/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE THOUSAND OF CHARS	CAP	ADDL STORAGE TYPE	NO	CUMM CAPAB-ILITY
TRW	330	0	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	ATHENA	0	0	0	1	>528	0	RES	0	1	0	0	0	1	0	0	0	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:			>176	0	INS	1	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
UNI	1004	1	0	0	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	0	2 > 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
UNI	1104	0	0	1	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	0	1
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
UNI	1108	2	0	4	0	>528	2	RES	1	1	1	1	1	0	0	0	0	0	0	>12	0	>301	5	DSK	1	5
				>352	2	ADM	1	0	1	1	1	0	0	0	0	0	0	1 > 9	0	>251	0	DRM	5	
	INSTALLED:			>176	1	INS	1	1	0	1	1	0	0	0	0	0	0	> 6	3	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	0	P S	3	2	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	2				C/I	4	0	0	0	0	1	0	0	0	0	0	> 0	0	> 0	0			
UNI	1409	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
				>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	4101	0	0	1	0	>528	1	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
UNI	41011	0	0	1	0	>528	1	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
UNI	9200	8	0	2	0	>528	0	RES	4	2	0	2	0	1	0	0	0	0	1	>12	0	>301	0	DSK	0	8
				>352	0	ADM	4	2	1	0	0	1	1	0	1	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:			>176	3	INS	2	1	0	0	1	2	1	2	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	7		> 0	5	P S	10	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	3				C/I	10	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	10			
UNI	9300	11	0	1	0	>528	0	RES	8	3	0	0	0	1	1	1	0	0	0	>12	0	>301	0	DSK	8	5
				>352	2	ADM	4	1	1	1	0	0	0	1	1	0	0	3 > 9	0	>251	0	DRM	0	
	INSTALLED:			>176	9	INS	3	1	2	1	0	1	1	0	1	0	0	2 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	9		> 0	1	P S	12	0	0	0	0	0	0	0	0	0	0	> 3	8	> 51	0			
	AFTER 30JUN70	3				C/I	12	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	11			
UNI	9400	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
				>352	0	ADM	0	0	0	0	0	0	0	0	1	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
VAR	620-1	0	0	5	0	>528	0	RES	1	0	0	0	0	0	0	0	1	0	3	>12	0	>301	0	DSK	1	5
				>352	0	ADM	5	0	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	3	0	1	0	0	0	0	0	0	0	0	1 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	5	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			
WAN	700	0	0	3	0	>528	0	RES	0	0	0	0	0	0	2	0	0	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	2	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	2	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
WAN	700A	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
XDS	SIGMA2	2	0	3	1	>528	1	RES	0	0	0	0	0	0	0	2	0	0	3	>12	0	>301	0	DSK	2	0
				>352	0	ADM	4	0	1	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	3	1	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	2	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	5			
XDS	SIGMA3	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
XDS	SIGMA5	2	0	3	0	>528	0	RES	1	0	0	1	0	0	0	0	1	1	1	>12	0	>301	0	DSK	4	3
				>352	0	ADM	3	0	0	0	0	0	0	1	0	0	0	0 > 9	0	>251	1	DRM	1	
	INSTALLED:			>176	1	INS	2	2	0	0	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	2		> 0	3	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	2			
	AFTER 30JUN70	2				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	0			
XDS	SIGMA7	7	0	7	0	>528	1	RES	1	1	0	3	0	0	0	0	0	2	1	>12	0	>301	1	DSK	7	5
				>352	2	ADM	5	1	2	0	0	0	0	0	0	0	0	0 > 9	0	>251	2	DRM	2	
	INSTALLED:			>176	2	INS	3	1	0	2	0	0	0	2	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	8		> 0	1	P S	5	3	0	0	0	0	0	0	0	0	0	> 3	1	> 51	3			
	AFTER 30JUN70	0				C/I	6	1	0	0	0	0	1	0	0	0	0	> 0	7	> 0	1			

SUMMARY OF COMPUTERS
CONTINUED

GROUP (PUBLIC)

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED M-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	USAGE/MO NO.	PERCENT USAGE BY TYPE TYPE	N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	COMM CAPA-BILITY
XDS	930	0	0	7	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	2	>32	0	>301	0	DSK	1	1
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
						>176	2	INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	INSTALLED:							P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	PRIOR 30JUN70	2				> 0	0	C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	1			
	AFTER 30JUN70	0																								
XDS	9300	1	0	1	0	>528	0	RES	0	0	0	0	1	1	0	0	0	0	0	>32	0	>301	0	DSK	0	0
						>352	1	ADM	1	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
						>176	1	INS	0	0	1	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:							P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	2			
	PRIOR 30JUN70	2				> 0	0	C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
	AFTER 30JUN70	0																								

GROUP (PRIVATE)

SUMMARY OF COMPUTERS

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	ADD.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	VC	100	NUMBER TAPE DRIVES	CORE THOUSAND OF CHARS	CAP	ADDL STORAGE TYPE	NO	CONN CAPA-BILITY
ADG	AUT/10	1	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	1	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
BUR	B2500	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
BUR	B3500	1	0	0	4	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	0	0	0	0	0	0	0	1	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
BUR	B5500	1	0	1	0	>528	0	RES	0	0	1	0	0	1	1	0	0	0	0	>12	0	>301	0	DSK	3	3
						>352	0	ADM	0	0	3	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	1	INS	0	1	0	1	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0						C/I	2	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
BUR	TC500	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	0	0	0	0	0	0	0	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
CDC	615	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	1	0	0	0	0	> 0	1	> 0	0			
CDC	LGP30	0	0	1	1	>528	0	RES	1	0	0	0	0	1	0	0	0	0	0	>12	0	>301	1	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	1	INS	0	0	1	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	160A	0	0	2	0	>528	0	RES	1	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	2
						>352	0	ADM	1	0	0	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	1	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	1	0	0	0	0	1	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	1	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
CDC	1604	0	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	3200	1	1	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	3300	3	0	1	0	>528	1	RES	0	1	0	0	0	2	1	0	0	0	0	>12	0	>301	1	DSK	4	3
						>352	0	ADM	2	0	0	1	0	1	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	1	INS	2	0	0	1	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4				> 0	2	P S	3	0	0	0	0	0	0	0	0	0	1	> 3	2	> 51	2			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
CDC	3800	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	6400	1	0	2	0	>528	1	RES	0	0	1	0	0	0	1	0	0	0	0	>12	0	>301	2	DSK	2	2
						>352	0	ADM	1	0	0	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	1	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0						C/I	1	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	8090	1	0	1	0	>528	0	RES	1	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	1	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	1	0	0	0	0	1	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
DAG	SUPNOV	0	0	1	0	>528	1	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
DAG	4001	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0		P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DAI	70	1	0	0	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	1	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEC	LINC8	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	1	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	1	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			

GROUP (PRIVATE)) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	N/C	PERCENT USAGE BY TYPE 10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
DEC	PDP1	0 0	3 0	>528	1	RES	0	0	0	1	0	0	0	1	0	0	1	>12 0	>301 0	DSK	1	2
				>352	1	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	2	
	INSTALLED:			>176	0	INS	1	0	0	1	0	0	0	1	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	3		> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 2			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0 1			
DEC	PDP10	1 0	11 2	>528	5	RES	2	0	0	1	1	0	0	1	3	3	2	>12 0	>301 7	DSK	9	10
				>352	3	ADM	12	1	0	0	0	0	0	0	0	0	0	> 9 0	>251 5	DRM	2	
	INSTALLED:			>176	2	INS	3	3	3	1	0	0	2	1	0	0	0	> 6 2	>151 1	OTH	3	
	PRIOR 30JUN70	11		> 0	2	P S	11	1	1	0	0	0	0	0	0	0	0	> 3 3	> 51 0			
	AFTER 30JUN70	2				C/I	12	0	1	0	0	0	0	0	0	0	0	> 0 8	> 0 0			
DEC	PDP11	0 0	3 0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK	2	0
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	3	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	2				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
DEC	PDP12	0 0	5 0	>528	0	RES	1	0	0	1	0	0	0	0	1	0	2	>12 0	>301 0	DSK	1	0
				>352	0	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	2	1	1	0	0	0	0	0	0	1	> 6 0	>151 0	OTH	2		
	PRIOR 30JUN70	4		> 0	4	P S	4	0	0	0	0	0	1	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0 5	> 0 5			
DEC	PDP12A	0 0	0 1	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	1
				>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
DEC	PDP13	0 0	0 1	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
DEC	PDP15	0 0	2 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	2	>12 0	>301 0	DSK	2	1
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	3	INS	2	0	1	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3 2	> 51 1			
	AFTER 30JUN70	3				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 2			
DEC	PDP5	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
DEC	PDP8	0 0	4 0	>528	2	RES	1	0	0	0	0	0	0	1	0	1	1	>12 0	>301 1	DSK	1	1
				>352	1	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 1	DRM	0	
	INSTALLED:			>176	0	INS	2	1	0	1	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	4		> 0	1	P S	4	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 0			
	AFTER 30JUN70	0				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 0			
DEC	PDP7	0 0	3 0	>528	0	RES	0	0	0	0	0	1	0	0	0	1	1	0 >12	0 >301	0 DSK	0	1
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	0 > 9	0 >251	0 DRM	0	
	INSTALLED:			>176	0	INS	0	1	1	0	0	1	0	0	0	0	0	0 > 6	1 >151	0 OTH	0	
	PRIOR 30JUN70	3		> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0	0 > 3	0 > 51	0		
	AFTER 30JUN70	0				C/I	2	1	0	0	0	0	0	0	0	0	0	0 > 0	0 > 0	3		
DEC	PDP8	0 0	12 1	>528	2	RES	2	0	0	2	1	0	0	0	0	1	6	>12 0	>301 0	DSK	1	3
				>352	1	ADM	12	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	5	INS	7	1	0	0	0	0	1	2	0	0	1	> 6 0	>151 0	OTH	2	
	PRIOR 30JUN70	12		> 0	3	P S	11	0	0	0	0	0	0	0	0	0	1	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	12	0	0	0	0	0	0	0	0	0	0	> 0 7	> 0 12			
DEC	PDP8D	0 0	1 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
DEC	PDP8I	0 0	19 2	>528	4	RES	0	4	0	2	1	1	0	0	0	0	8	>12 0	>301 0	DSK	9	13
				>352	1	ADM	21	0	1	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	7	INS	13	0	0	0	0	1	2	2	0	3	1	> 6 0	>151 0	OTH	2	
	PRIOR 30JUN70	17		> 0	7	P S	21	1	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	5				C/I	22	0	0	0	0	0	0	0	0	0	0	> 0 8	> 0 21			
DEC	PDP8L	0 0	9 1	>528	0	RES	1	4	0	1	0	1	0	2	1	0	0	>12 0	>301 0	DSK	0	3
				>352	1	ADM	9	1	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	4	INS	2	1	0	1	0	1	0	1	0	4	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	8		> 0	4	P S	9	0	0	0	1	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	2				C/I	10	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 10			
DEC	PDP8S	0 0	2 0	>528	0	RES	0	0	0	0	0	1	0	1	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	1	0	1	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2			
DEC	PDP9	0 0	2 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	1	>12 0	>301 0	DSK	1	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	1	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2			
EAI	1020	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
EAI	600	0 0	1 0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	0	1	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			

GROUP (PRIVATE) 3 SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITS	CORE THOUSAND OF CHARS	CAP	ADDL STORAGE TYPE	NO	CUMM CAPABILITY
EAI	690	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
FRI	5810	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GEC	GPAC30	0 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
GEC	225	0 0	1 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	1	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	4060	0 0	1 0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GEC	415	1 0	1 0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	2	ADM	0	0	0	0	0	1	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	1			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	425	1 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	635	1 0	1 1	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	1
				>352	1	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	0	0	1	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HEP	2000A	1 0	1 0	>528	1	RES	0	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
				>352	1	ADM	1	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	1	0	1	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
HEP	2114	1 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2115A	1 0	1 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2116A	0 0	1 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HEP	2116B	0 0	3 2	>528	0	RES	1	0	1	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	1	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	1	0	0	1	0	0	> 6	0	>151	0	OTH	2	
	PRIOR 30JUN70	1		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
HEP	9100A	0 0	2 0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HEP	9100B	0 0	1 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	M21	0 0	0 0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	0	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	110	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	115	2 0	0 0	>528	0	RES	0	1	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	0	0	0	1	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			

SUMMARY OF COMPUTERS
GROUP (PRIVATE)) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CC	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPA-BILTY
HON	120	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	1	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
HON	1200	0	0 0	>528	0	RES	0	1	0	1	0	0	0	0	0	0	0	>12 0	>301	0	DSK	2	0
				>352	0	ADM	0	0	0	0	1	0	1	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	0	0	0	2	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 2	> 51	1			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
HON	1250	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	1	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
HON	1042	0 0	1 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	1			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	1	> 0 0					
HON	200	3 0	1 0	>528	0	RES	3	0	0	0	0	1	0	0	0	0	0	>12 0	>301	0	DSK	2	1
				>352	1	ADM	1	1	0	0	0	0	0	0	1	0	1	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	2	0	0	0	0	1	1	0	0	0	0	> 6 1	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0	2	P S	3	0	1	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	1	0	0	0	0	0	0	0	> 0 2	> 0	4			
HON	400	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
HON	645	1 0	0 0	>528	1	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	1	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 1	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0			
IBM	SYS3	5 0	0 0	>528	0	RES	7	1	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	2	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	2	4	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	8	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	5	P S	8	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	6				C/I	7	1	0	0	0	0	0	0	0	0	0	> 0 0	> 0	6			
IBM	1130	115 0	50 3	>528	4	RES	75	40	13	6	6	4	1	3	1	0	2	>12 0	>301	0	DSK	146	14
				>352	5	ADM	35	12	15	17	12	10	14	8	8	9	3	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	33	INS	11	9	14	16	19	24	14	19	11	9	5	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	141		> 0	101	P S	143	8	0	0	0	0	0	0	0	0	0	> 3 0	> 51	5			
	AFTER 30JUN70	10				C/I	144	5	2	0	0	0	0	0	0	0	0	> 0 4	> 0	144			
IBM	1140	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
IBM	1401	33 0	4 1	>528	0	RES	32	2	1	0	1	2	0	0	0	0	1	>12 0	>301	0	DSK	25	0
				>352	2	ADM	4	0	1	1	1	0	3	0	6	5	18	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	16	INS	22	7	6	0	1	0	0	0	0	0	3	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	39		> 0	20	P S	36	2	1	0	0	0	0	0	0	0	0	> 3 14	> 51	1			
	AFTER 30JUN70	0				C/I	38	1	0	0	0	0	0	0	0	0	0	> 0 8	> 0	37			
IBM	1460	2 0	0 0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	2	0
				>352	0	ADM	0	0	0	0	0	1	0	0	0	0	1	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	1	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	1	0	0	0	0	0	0	0	0	> 0 0	> 0	2			
IBM	1500	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0			
IBM	1620	11 0	31 V	>528	0	RES	22	12	7	0	1	3	1	0	0	0	1	>12 0	>301	0	DSK	16	1
				>352	0	ADM	18	1	3	6	3	6	2	3	2	1	2	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	11	INS	5	2	3	3	2	11	4	3	7	2	5	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	45		> 0	35	P S	46	1	0	0	0	0	0	0	0	0	0	> 3 2	> 51	5			
	AFTER 30JUN70	2				C/I	45	1	1	0	0	0	0	0	0	0	0	> 0 0	> 0	39			
IBM	1710	1 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	1	>12 0	>301	0	DSK	2	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	1	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	1	1	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	2			
IBM	1800	3 0	5 0	>528	2	RES	1	4	0	0	1	0	0	0	1	0	3	>12 0	>301	0	DSK	9	5
				>352	3	ADM	5	0	1	0	3	0	0	1	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	4	INS	4	0	2	0	1	2	1	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	10		> 0	1	P S	9	0	1	0	0	0	0	0	0	0	0	> 3 0	> 51	5			
	AFTER 30JUN70	0				C/I	9	0	0	0	0	0	0	1	0	0	0	> 0 8	> 0	5			
IBM	360/20	33 0	1 0	>528	0	RES	16	3	1	3	2	2	3	0	1	1	3	>12 0	>301	0	DSK	3	14
				>352	1	ADM	15	1	2	0	1	2	0	1	1	2	10	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	13	INS	19	3	0	3	4	2	1	2	1	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	31		> 0	19	P S	35	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	4				C/I	35	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0	32			
IBM	360/25	10 0	0 0	>528	0	RES	5	4	0	0	0	1	0	0	0	0	0	>12 0	>301	0	DSK	10	2
				>352	1	ADM	1	0	0	0	1	2	2	1	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	5	INS	4	0	0	0	0	1	3	1	0	0	1	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	7		> 0	4	P S	10	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	3				C/I	10	0	0	0	0	0	0	0	0	0	0	> 0 6	> 0	10			

GROUP (PRIVATE)) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CUMM CAPABILITY
IBM	360/30	17 0	2 0	>528	4	RES	12	2	1	2	0	0	0	0	0	1	0	>12	0	>301	0	DSK 17 5
				>352	3	ADM	2	0	0	0	9	2	1	0	1	2	9	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	10	INS	9	3	2	1	21	0	1	0	0	0	0	> 6	0	>151	0	OTH 1
	PRIOR 30JUN70	16		> 0	1	P S	10	0	0	0	0	0	0	0	0	0	0	> 3	8	> 51	9	
	AFTER 30JUN70	2				C/I	17	0	0	0	0	0	0	0	0	0	1	> 0	8	> 0	9	
IBM	360/40	20 0	2 0	>528	9	RES	10	6	4	1	1	0	0	0	1	0	0	>12	0	>301	0	DSK 22 12
				>352	6	ADM	4	1	1	1	0	5	2	0	1	1	7	> 9	0	>251	8	DRM 0
	INSTALLED:			>176	6	INS	10	3	1	2	3	3	0	0	0	1	0	> 6	2	>151	1	OTH 0
	PRIOR 30JUN70	19		> 0	2	P S	21	0	1	0	0	1	0	0	0	0	0	> 3	11	> 51	14	
	AFTER 30JUN70	4				C/I	21	1	0	0	0	1	0	0	0	0	0	> 0	9	> 0	0	
IBM	360/44	3 0	6 0	>528	1	RES	1	2	1	0	1	0	0	1	1	0	1	>12	0	>301	0	DSK 8 5
				>352	1	ADM	4	2	1	0	1	0	0	0	0	0	0	> 9	0	>251	1	DRM 0
	INSTALLED:			>176	5	INS	2	0	2	0	2	1	0	0	0	1	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	8		> 0	1	P S	7	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	7	
	AFTER 30JUN70	0				C/I	7	1	0	0	0	0	0	0	0	0	0	> 0	8	> 0	0	
IBM	360/50	14 0	3 0	>528	2	RES	3	1	1	2	3	1	1	0	0	2	0	>12	0	>301	8	DSK 14 10
				>352	4	ADM	6	4	1	0	1	1	0	0	0	0	1	> 9	0	>251	4	DRM 2
	INSTALLED:			>176	8	INS	3	1	1	2	2	2	1	1	1	0	0	> 6	0	>151	0	OTH 2
	PRIOR 30JUN70	13		> 0	0	P S	11	1	0	1	0	0	0	0	0	0	1	> 3	8	> 51	1	
	AFTER 30JUN70	1				C/I	13	1	0	0	0	0	0	0	0	0	0	> 0	8	> 0	0	
IBM	360/65	8 0	3 0	>528	2	RES	2	0	1	0	2	1	1	1	0	0	1	>12	1	>301	8	DSK 9 8
				>352	1	ADM	6	0	1	0	2	0	0	0	0	0	0	> 9	0	>251	1	DRM 2
	INSTALLED:			>176	4	INS	3	2	2	1	1	0	0	0	0	0	0	> 6	2	>151	0	OTH 1
	PRIOR 30JUN70	8		> 0	1	P S	5	3	1	0	0	0	0	0	0	0	0	> 3	6	> 51	0	
	AFTER 30JUN70	1				C/I	5	4	0	0	0	0	0	0	0	0	0	> 0	6	> 0	0	
IBM	360/67	3 0	1 0	>528	3	RES	1	0	0	0	1	0	0	1	0	0	0	>12	0	>301	3	DSK 3 3
				>352	0	ADM	2	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 3
	INSTALLED:			>176	0	INS	1	0	1	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	3		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	0				C/I	1	2	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0	
IBM	360/75	3 0	0 0	>528	2	RES	0	0	0	0	2	0	0	1	0	0	0	>12	0	>301	2	DSK 2 1
				>352	1	ADM	2	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 1
	INSTALLED:			>176	0	INS	0	0	0	0	2	0	1	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	3		> 0	0	P S	2	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
IBM	360/91	1 0	2 0	>528	1	RES	0	0	0	0	0	0	0	1	0	0	1	>12	0	>301	2	DSK 2 2
				>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	1	>251	0	DRM 2
	INSTALLED:			>176	0	INS	1	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
IBM	7040	1 0	1 0	>528	0	RES	0	0	0	1	1	0	0	0	0	0	0	>12	0	>301	0	DSK 1 0
				>352	0	ADM	1	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	2	INS	0	0	0	1	0	0	0	1	0	0	0	> 6	1	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	0	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1	
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
IBM	7044	0 0	1 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1 0
				>352	0	ADM	0	0	0	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	0				C/I	0	0	0	0	1	0	0	0	0	0	0	> 0	0	> 0	1	
IBM	7072	0 0	2 0	>528	0	RES	1	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	1	0	0	0	> 6	2	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2	
IBM	7094	1 0	4 0	>528	1	RES	1	0	0	0	1	0	0	2	0	0	0	>12	0	>301	1	DSK 1 1
				>352	0	ADM	3	0	1	0	0	0	0	0	0	0	0	> 9	2	>251	0	DRM 1
	INSTALLED:			>176	1	INS	1	1	0	2	0	0	0	0	0	0	0	> 6	1	>151	1	OTH 0
	PRIOR 30JUN70	4		> 0	2	P S	2	2	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	3	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2	
INT	3	1 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
INT	4	0 0	1 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK 0 1
				>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
LIN	300	0 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK 0 1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1	
MANIAC	III	0 0	0 1	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK 1 0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
MIC	800	0 0	1 0	>528	1	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK 0 1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
MIT	TX-0	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK 1 1
				>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	

SUMMARY OF COMPUTERS
CONTINUED

GROUP (PRIVATE)

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED M-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE ********** PERCENT N/O	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	COMM CAPA-BILTY
NCR	100	12	0	1	0	>528	0	RES	13	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	13	1
						>352	0	ADM	2	1	2	1	0	2	2	1	1	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	6	INS	3	0	1	2	3	2	0	1	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	10				> 0	5	P S	11	1	0	0	1	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	3						C/I	12	0	0	0	0	1	0	0	0	0	0	> 0	1	> 0	13			
NCR	200	4	0	1	0	>528	0	RES	2	3	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	5	1
						>352	0	ADM	0	0	0	0	0	1	1	1	1	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	5	INS	1	2	0	1	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	3				> 0	0	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	3			
	AFTER 30JUN70	2						C/I	3	2	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
NCR	395	1	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
NCR	615	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
NDI	50-50	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
RAY	PB440	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
RAY	TRICE	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
RAY	703	0	0	0	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
RAY	708	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
RCA	301	0	0	0	1	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
RCA	70/35	1	0	1	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	0	0	0	1	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	2			
	AFTER 30JUN70	1						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
RCA	70/45	1	0	5	0	>528	1	RES	2	2	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	4	5
						>352	1	ADM	2	0	0	1	2	0	0	0	0	0	0	> 9	0	>251	5	DRM	5	
	INSTALLED:					>176	2	INS	0	1	0	0	1	0	2	0	0	0	1	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	5				> 0	1	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	0						C/I	4	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
RCA	70/55	1	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	0	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
RPC	4000	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	1	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
SCC	4700	0	0	1	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	1	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
SEL	810-B	0	0	1	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
SEL	86	1	0	0	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	0	0	0	0	1	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	ATHENA	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			

GROUP (PRIVATE)) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M*CO	NUMBER PURCHASED MFG CTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/O	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITES	CORE THOUSAND OF CHARS	CAP	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
UNI	5590	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
UNI	1004	1 0	1 0	>528	0	RES	2	0	0	4	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	2
				>352	0	ADM	0	0	0	5	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	4	0	1	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	6		> 0	6	P S	6	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
UNI	1005	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
UNI	1107	0 0	1 0	>528	1	RES	0	0	0	0	0	0	0	0	1	0	0	>12	1	>301	1	DSK	0	0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	1108	1 0	1 0	>528	0	RES	0	1	2	0	0	0	0	0	0	0	0	>12	0	>301	3	DSK	0	2
				>352	2	ADM	0	1	2	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	3	
	INSTALLED:			>176	0	INS	0	0	0	0	2	0	1	0	0	0	0	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	1	P S	1	1	0	1	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	1	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	120	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	422	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
UNI	9200	5 0	2 0	>528	0	RES	4	2	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	1	0	1	2	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	2	2	1	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	6		> 0	6	P S	7	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1				C/I	7	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	6			
UNI	9300	4 0	0 0	>528	0	RES	4	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	1	3	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	3	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	3	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	1				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	4			
UNI	9400	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	0	0	0	0	0	0	0	0	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
VAR	6201	0 0	2 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	2	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
XDS	SIGMA5	2 0	1 0	>528	0	RES	1	2	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	1	1
				>352	0	ADM	3	0	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:			>176	1	INS	2	0	0	1	0	0	0	0	1	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	2				C/I	3	1	0	0	0	0	0	0	0	0	0	> 0	4	> 0	2			
XDS	SIGMA6	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
				>352	0	ADM	0	0	0	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	0	0	0	1	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
XDS	SIGMA7	4 1	4 0	>528	0	RES	2	0	0	0	0	0	1	0	0	0	1	>12	0	>301	1	DSK	4	2
				>352	1	ADM	2	0	1	0	0	1	0	0	0	0	0	> 9	0	>251	1	DRM	1	
	INSTALLED:			>176	3	INS	2	0	1	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	1	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
XDS	7670	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
XDS	910	0 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
XDS	92	0 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
XDS	925	1 1	1 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	0	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			

SUMMARY OF COMPUTERS
GROUP (PRIVATE)) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED M-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MC Avg HRS	NO.	TYPE	PERCENT USAGE BY TYPE M/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	COMM CAPA-BILITY
XDS	930	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70			1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70			0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			

SUMMARY OF COMPUTERS

GROUP (ASSOCIATE))

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED M-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	PERCENT USAGE BY TYPE TYPE	N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
BIT	480	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
BUR	B2500	0	0	1	0	>528	0	RES	5	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	6	0
						>352	1	ADM	0	1	1	1	1	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	0	0	0	0	0	1	2	0	1	2	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	3				> 0	3	P S	0	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	3			
	AFTER JOJUN70	3						C/I	5	1	0	0	0	0	0	0	0	0	0	> 0	3	> 0	3			
BUR	B3500	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	G15	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	0	0	0	0	0	1	0	0	0	0	0	> 0	1	> 0	0			
CDC	L6P30	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DAG	NOVA	0	0	2	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	1	1	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	2				> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
DEC	PDP12A	0	0	1	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
DEC	PDP8	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DEC	PDP81	0	0	3	4	>528	0	RES	3	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	4	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	3	2	> 6	0	>151	0	OTH	1	
	PRIOR JOJUN70	4				> 0	4	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	1						C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	4			
DEC	PDP8L	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEL	3080	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	1	
	PRIOR JOJUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
FRI	5010	0	0	1	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	1	P S	0	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	115	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	0	P S	0	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
GEC	210	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GEC	255	0	0	1	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	1	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER JOJUN70	0						C/I	0	0	0	0	1	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2007	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2007A	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2114A	0	0	1	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			

GROUP (ASSOCIATE) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED H-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE THOUSAND OF CHARS	CAP	ADDL STORAGE TYPE	NO	CUMM CAPABILITY
HEP	2114P	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HON	115	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	1200	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	1250	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	200	4	1	1	0	>528	0	RES	3	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	0
						>352	1	ADM	0	0	1	0	1	1	0	1	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	1	0	1	1	1	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	4				> 0	2	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	4			
IBM	SYS3	1	0	0	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	1130	50	0	15	0	>528	0	RES	54	13	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	64	8
						>352	2	ADM	17	8	10	7	10	5	4	1	3	2	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	19	INS	8	4	1	3	4	10	5	9	8	8	8	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	51				> 0	37	P S	63	4	1	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	17						C/I	66	2	0	0	0	0	0	0	0	0	0	> 0	0	> 0	65			
IBM	1401	30	0	8	1	>528	0	RES	34	6	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	37	0
						>352	3	ADM	5	5	4	5	7	3	2	0	5	1	3	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	11	INS	4	3	3	2	2	7	5	6	2	2	4	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	40				> 0	25	P S	36	1	1	1	0	0	1	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	0						C/I	39	1	0	0	0	0	0	0	0	0	0	> 0	12	> 0	39			
IBM	1440	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
IBM	1620	10	0	25	1	>528	0	RES	30	2	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	19	0
						>352	0	ADM	18	2	4	1	1	3	1	1	0	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	7	INS	3	1	1	0	1	2	1	2	4	2	16	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	33				> 0	24	P S	32	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	33	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	31			
IBM	360	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
IBM	360/20	19	0	3	0	>528	1	RES	21	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	11	2
						>352	0	ADM	3	3	3	2	2	4	3	0	1	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	1	1	1	0	3	4	3	0	3	3	3	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	19				> 0	19	P S	22	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	3						C/I	22	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	31			
IBM	360/25	29	1	1	0	>528	0	RES	28	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	29	3
						>352	1	ADM	4	2	10	4	6	2	1	0	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	10	INS	2	0	1	1	2	3	5	8	4	2	2	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	25				> 0	16	P S	25	3	1	0	1	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	5						C/I	29	0	1	0	0	0	0	0	0	0	0	> 0	11	> 0	30			
IBM	360/30	22	0	15	2	>528	0	RES	25	8	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	33	4
						>352	5	ADM	2	2	5	9	5	5	1	2	1	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	17	INS	3	0	4	1	2	5	4	7	5	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	26				> 0	9	P S	26	2	0	1	2	0	0	0	0	0	0	> 3	7	> 51	24			
	AFTER 30JUN70	7						C/I	32	1	0	0	0	0	0	0	0	0	0	> 0	19	> 0	9			
IBM	360/40	10	0	8	0	>528	1	RES	13	3	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	15	5
						>352	5	ADM	2	0	1	5	3	1	4	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	6	INS	0	0	0	1	0	1	2	4	0	0	2	> 6	0	>151	2	OTH	0	
	PRIOR 30JUN70	14				> 0	4	P S	12	2	1	1	0	0	0	0	0	0	0	> 3	2	> 51	11			
	AFTER 30JUN70	2						C/I	16	0	0	0	0	0	0	0	0	0	0	> 0	10	> 0	2			
IBM	360/50	2	0	0	0	>528	1	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	2	0
						>352	1	ADM	0	0	1	1	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
IBM	360/65	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
MONROBOTIX		0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			

GROUP (ASSOCIATE) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	PERCENT USAGE BY TYPE TYPE	N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPABILITY
NCR	100	17	0	3	0	>528	1	RES	17	3	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	18	1
						>352	0	ADM	4	2	1	1	2	3	5	2	0	0	0	> 9	1	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	3	0	2	2	3	4	1	1	1	2	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	15		> 0	14	P S	18	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	5				C/I	20	0	0	0	0	0	0	0	0	0	0	0	0	> 0	6	> 0	18			
NCR	200	5	0	0	0	>528	0	RES	5	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	5	0
						>352	0	ADM	0	1	1	2	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	0	0	0	0	1	0	0	2	1	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	2	P S	5	0	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	5	0	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			
NCR	615	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	0	0	> 0	1					
NCA	301	2	0	0	0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	1	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	1	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	0	> 0	2					
NCA	70/35	2	0	2	0	>528	0	RES	4	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	4	1
						>352	1	ADM	1	2	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	3	P S	3	0	0	0	0	0	0	1	0	0	0	0	0	> 3	3	> 51	4			
	AFTER 30JUN70	1				C/I	4	0	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
RCA	70/45	0	0	1	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	0	0	> 0	1					
RCA	70/46	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	1	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	1	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	0	0	0	0	0	1	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
UNI	120	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	1409	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	422	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
UNI	9200	2	0	2	0	>528	0	RES	3	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	2
						>352	0	ADM	1	0	1	0	0	1	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	1	1	0	1	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0	3	P S	4	0	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	4	0	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	4			
UNI	9300	3	0	0	0	>528	0	RES	2	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	0
						>352	0	ADM	1	0	1	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	0	0	0	0	0	0	1	0	1	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			

GROUP (BACHELORS) SUMMARY OF COMPUTERS

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	VC	100	NUMBER TAPE URIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPA-BILTY
ADG	AGT/10	1 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
BUR	TC500	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	1
				>352	0	ADM	0	0	0	0	0	0	0	0	1	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
CDC	G15	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
CDC	LGP30	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
CDC	3800	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
DAG	SUPNOV	0 0	1 0	>528	1	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
DEC	PDP11	0 0	2 0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	2	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	2				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2			
DEC	PDP12	0 0	2 0	>528	0	RES	1	0	0	0	0	0	0	0	0	1	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	1		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	1				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0 1			
DEC	PDP8I	0 0	0 1	>528	1	RES	4	3	0	0	0	0	0	0	0	1	0	>12 0	>301 0	DSK	4	4
				>352	0	ADM	7	0	1	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	3	1	0	0	0	0	1	0	0	2	1	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	5		> 0	5	P S	7	1	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	3				C/I	8	0	0	0	0	0	0	0	0	0	0	> 0 4	> 0 7			
DEC	PDP8L	0 0	7 0	>528	0	RES	1	4	0	1	0	1	0	0	0	0	0	>12 0	>301 0	DSK	0	3
				>352	1	ADM	7	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	3	INS	1	0	0	0	0	1	0	1	0	4	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	5		> 0	2	P S	7	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	2				C/I	7	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 7			
DEC	PDP8S	0 0	2 0	>528	0	RES	1	0	0	0	0	1	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2			
DEC	PDP9	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	0	1	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
EAI	1020	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
GEC	DNE130	0 0	2 0	>528	2	RES	0	2	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	2
				>352	0	ADM	0	0	2	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	2	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2			
GEC	225	0 0	2 1	>528	2	RES	1	2	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	2	1	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	3	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 1			
	AFTER 30JUN70	1				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2			
GEC	635	0 0	1 0	>528	1	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 1	DSK	1	0
				>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
HEP	2000A	0 0	1 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	1	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1				C/I	0	0	1	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
HEP	2114	1 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			

GROUP C (BACHELLARS)) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED PURCHASED MFG	NUMBER LEASED PURCHASED UTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE PERCENT N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CONN CAPABILITY
HEP	2116B	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	0			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER JOJUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	9100A	0	0	2	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	0	0	0	0	0	0	0	0	0	1	1	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	2			> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER JOJUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HEP	9100B	0	0	1	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER JOJUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	115	1	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	0	0	0	1	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER JOJUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HON	1200	0	0	0	>528	1	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
					>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	>9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	>6	1	>151	0	OTH	0	
	PRIOR JOJUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER JOJUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	200	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER JOJUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	635	0	0	1	>528	1	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	1
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	1	
	INSTALLED:				>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	0			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	1	> 51	0			
	AFTER JOJUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	5Y53	3	0	0	>528	0	RES	5	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	2	0	0	0	0	0	0	0	0	0	1	>9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	5	0	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	0			> 0	3	P S	5	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER JOJUN70	5					C/I	4	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
IBM	1130	75	0	25	1	>528	3	RES	53	20	9	2	0	0	0	0	0	0	2	>12	0	>301	0	DSK	90	7
						>352	0	ADM	15	5	11	10	13	14	7	9	4	5	2	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	21	INS	10	6	9	10	11	16	10	8	6	3	6	>6	0	>151	0	OTH	1	
	PRIOR JOJUN70	82				> 0	83	P S	90	5	0	0	0	0	0	0	0	0	0	>3	0	> 51	3			
	AFTER JOJUN70	13					C/I	89	4	2	0	0	0	0	0	0	0	0	0	> 0	1	> 0	90			
IBM	1140	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER JOJUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	1401	7	1	2	0	>528	0	RES	9	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	7	0
						>352	1	ADM	4	1	0	0	0	0	1	0	1	0	2	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	3	0	1	0	1	0	0	0	0	1	3	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	4				> 0	5	P S	9	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER JOJUN70	0					C/I	9	0	0	0	0	0	0	0	0	0	0	0	> 0	6	> 0	8			
IBM	1460	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	0	1	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER JOJUN70	0					C/I	0	0	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	1620	9	0	18	5	>528	0	RES	13	8	3	0	1	0	0	1	0	0	0	>12	0	>301	0	DSK	9	0
						>352	1	ADM	7	4	1	3	4	2	1	1	2	1	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	6	INS	0	1	3	1	1	0	3	2	5	1	3	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	25				> 0	19	P S	26	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	1			
	AFTER JOJUN70	1					C/I	25	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	23			
IBM	1800	2	0	1	0	>528	0	RES	1	0	0	0	1	0	0	1	0	0	0	>12	0	>301	0	DSK	3	1
						>352	1	ADM	1	0	1	0	1	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	1	0	0	1	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	2				> 0	2	P S	1	1	1	0	0	0	0	0	0	0	0	>3	0	> 51	1			
	AFTER JOJUN70	1					C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
IBM	360/20	9	1	2	0	>528	0	RES	9	1	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	2
						>352	1	ADM	1	1	0	0	0	0	2	0	1	1	5	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	0	1	2	0	1	0	0	0	1	0	0	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	6				> 0	6	P S	11	0	0	0	0	0	0	0	0	0	0	>3	1	> 51	0			
	AFTER JOJUN70	3					C/I	11	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	11			
IBM	360/25	3	0	0	0	>528	0	RES	2	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	1
						>352	0	ADM	0	0	0	1	0	0	0	0	0	1	1	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	1	0	0	0	0	1	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	0				> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER JOJUN70	3					C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	3			
IBM	360/30	5	0	0	0	>528	1	RES	4	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	4	0
						>352	1	ADM	0	0	0	0	2	1	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	3	0	0	1	1	1	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	5				> 0	2	P S	5	0	0	1	0	0	0	0	0	0	0	>3	0	> 51	2			
	AFTER JOJUN70	1					C/I	6	0	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	4			
IBM	360/40	4	0	2	0	>528	0	RES	2	1	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	4	1
						>352	0	ADM	0	1	0	1	0	1	1	0	0	0	0	>9	0	>251	1	DRM	0	
	INSTALLED:					>176	3	INS	0	1	0	0	2	1	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR JOJUN70	4				> 0	1	P S	3	0	1	0	0	0	0	0	0	0	0	>3	3	> 51	3			
	AFTER JOJUN70	0					C/I	2	1	0	0	0	1	0	0	0	0	0	0	> 0	1	> 0	0			

GROUP (BACHELORS) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED M=CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE THOUSAND OF CHARS	CAP	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
IBM	360/44	0	0	1	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
IBM	360/50	1	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	1	DSK	1	1
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
IBM	360/65	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	0	>12	1	>301	1	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	7094	1	1	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	0	0
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
NCR	100	9	0	1	0	>528	0	RES	10	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	11	0
						>352	0	ADM	1	1	1	1	1	2	1	1	1	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	5	INS	2	0	1	1	2	3	0	1	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	9				> 0	5	P S	9	1	0	0	1	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2						C/I	11	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	11			
NCR	200	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	0	0	0	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	0	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
NCR	395	1	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
NCR	615	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
RCA	301	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
RCA	70/35	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
UNI	ATHENA	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	1009	1	0	1	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	2
						>352	0	ADM	0	0	0	1	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
UNI	1005	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
UNI	9200	4	0	0	0	>528	0	RES	1	2	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	1	0	0	0	0	1	0	1	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	1	1	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	2	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	4			
UNI	9300	2	0	0	0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	0	0	0	0	0	0	0	0	1	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	2	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
XDS	SIGMA7	1	1	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
XDS	7970	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			

SUMMARY OF COMPUTERS

GROUP (MASTERS)

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED M-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT N/C	10	20	30	40	USAGE BY TYPE PERCENT 50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPABILITY
BUR	B2500	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		0	0	> 0	0	P S	0	0	0	0	0	0	0	0	1	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
BUR	B3500	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	1	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		0	0	> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
BUR	B5500	0	0	0	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		0	0	> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	0	0	1	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
CDC	160A	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	0	0	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		0	0	> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					1	C/I	0	0	1	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
CDC	3100	1	0	0	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		0	0	> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0					1	C/I	0	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
CDC	3150	5	0	0	0	>528	0	RES	1	4	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	5	5
						>352	2	ADM	0	0	2	2	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	0	0	0	0	0	1	2	1	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5		0	0	> 0	0	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	4			
	AFTER 30JUN70	0						C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	1			
CDC	3200	1	0	1	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		0	0	> 0	0	P S	0	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
CDC	3300	3	0	1	0	>528	2	RES	1	2	1	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	4	3
						>352	0	ADM	0	6	1	1	1	1	0	0	0	0	0	> 9	0	>251	3	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	1	0	1	1	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		0	1	> 0	1	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	1						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
CDC	3770	1	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	0		0	1	> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
CDC	8090	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		0	0	> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DAG	4001	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		0	0	> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DEC	PDP10	0	0	0	1	>528	1	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	1	OTH	1	
	PRIOR 30JUN70	1		0	0	> 0	0	P S	0	0	1	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DEC	PDP11	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	1	0
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		0	1	> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
DEC	PDP12	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		0	1	> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEC	PDP12A	0	0	0	1	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		0	0	> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
DEC	PDP8	0	0	3	0	>528	1	RES	2	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	1	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	1	0	2	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		0	1	> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
DEC	PDP8D	0	0	1	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		0	0	> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEC	PDP8I	0	0	5	0	>528	0	RES	0	3	0	1	0	0	0	0	0	1	0	>12	0	>301	0	DSK	2	3
						>352	0	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	1	0	0	0	0	0	1	0	0	3	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		0	2	> 0	2	P S	4	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2						C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			

GROUP (MASTERS) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/D	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPA-BILTY
DEC	PDP8L	0 0	0 1	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	1	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
DEC	PDP8S	0 0	2 0	>528	0	RES	1	0	0	0	0	0	0	1	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	1	0	0	0	0	0	0	1	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2			
DEC	PDP9	0 0	1 0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
EAI	680	0 0	1 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
FRI	5610	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
GEC	225	0 0	2 0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	0	1	0	0	0	0	0	1	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	2	INS	0	0	1	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 2	> 51 0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2			
HEP	2000A	2 0	0 0	>528	2	RES	0	2	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	2
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	2	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	2	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	2				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0 2			
HEP	2115A	1 0	2 0	>528	0	RES	0	0	1	1	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	2
				>352	0	ADM	1	0	1	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	0	0	0	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
HON	H21	0 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
HON	110	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	1	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
HON	115	1 0	0 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	1	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
HON	120	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	1	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
HON	1200	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	0	0	0	0	0	0	1	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	1	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
HON	1250	1 0	1 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
HON	1642	0 0	1 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
HON	200	4 0	0 0	>528	0	RES	2	3	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	3
				>352	0	ADM	1	1	0	0	1	0	0	2	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	2	0	0	1	1	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	3		> 0	4	P S	5	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 0			
	AFTER 30JUN70	0				C/I	4	0	0	0	1	0	0	0	0	0	0	> 0 1	> 0 5			
HON	316	1 0	1 0	>528	0	RES	0	2	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	2	INS	0	0	0	0	0	0	0	0	0	2	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2			
HON	516	0 0	0 2	>528	0	RES	1	0	1	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	1	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			

GROUP (MASTERS) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE PERCENT N/O	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE NO	COMM CAPABILITY
IBM	SYS3	1 0	0 0	>528	0	RES	3	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK 0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	0	INS	3	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		0	> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0		
	AFTER 30JUN70		3			C/I	3	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2		
IBM	1130	74 0	27 0	>528	2	RES	39	30	10	5	4	2	0	0	0	1	1	>12 0	>301 0	DSK 86	14
				>352	2	ADM	28	10	5	4	2	11	14	3	5	5	1	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	27	INS	4	6	6	9	18	9	5	9	9	13	5	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		86	> 0	58	P S	86	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 3		
	AFTER 30JUN70		0			C/I	90	2	0	0	0	0	0	0	0	0	0	> 0 2	> 0 88		
IBM	1380	1 0	0 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12 0	>301 0	DSK 0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		1	> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0		
	AFTER 30JUN70		0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0		
IBM	1401	40 0	1 1	>528	1	RES	28	12	2	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK 35	1
				>352	1	ADM	2	0	0	1	3	2	6	1	10	8	9	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	20	INS	10	7	4	5	2	3	0	1	0	0	2	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		42	> 0	19	P S	41	1	0	0	0	0	0	0	0	0	0	> 3 6	> 51 2		
	AFTER 30JUN70		0			C/I	39	2	1	0	0	0	0	0	0	0	0	> 0 15	> 0 40		
IBM	1400	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK 1	0
				>352	1	ADM	0	0	0	0	0	0	0	0	0	1	0	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		1	> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0		
	AFTER 30JUN70		0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1		
IBM	1500	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK 1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		1	> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1		
	AFTER 30JUN70		0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0		
IBM	1620	12 0	24 0	>528	0	RES	23	14	5	1	0	0	0	0	0	0	0	>12 0	>301 0	DSK 19	0
				>352	0	ADM	22	2	1	3	1	4	3	4	1	0	2	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	7	INS	4	2	2	4	1	5	1	3	5	5	11	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		41	> 0	32	P S	41	2	0	0	0	0	0	0	0	0	0	> 3 0	> 51 3		
	AFTER 30JUN70		2			C/I	42	0	1	0	0	0	0	0	0	0	0	> 0 0	> 0 38		
IBM	1710	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK 1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		1	> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0		
	AFTER 30JUN70		0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1		
IBM	1800	2 0	1 0	>528	0	RES	0	3	0	0	1	0	0	0	0	0	0	>12 0	>301 0	DSK 3	3
				>352	1	ADM	0	0	1	0	2	0	0	1	0	0	0	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	3	INS	0	0	1	0	1	2	0	0	0	0	0	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		4	> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1		
	AFTER 30JUN70		0			C/I	4	0	0	0	0	0	0	0	0	0	0	> 0 3	> 0 3		
IBM	360/20	30 0	1 0	>528	0	RES	19	10	0	1	0	0	0	0	0	1	0	>12 0	>301 0	DSK 8	8
				>352	0	ADM	4	1	2	0	0	0	0	2	1	7	14	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	6	INS	19	4	2	1	0	1	0	2	0	2	0	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		29	> 0	24	P S	30	1	0	0	0	0	0	0	0	0	0	> 3 4	> 51 1		
	AFTER 30JUN70		2			C/I	31	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0 29		
IBM	360/25	11 0	0 0	>528	0	RES	7	4	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK 11	0
				>352	0	ADM	0	0	0	0	2	2	1	2	2	1	1	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	8	INS	2	2	1	1	2	3	0	0	0	0	0	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		9	> 0	3	P S	10	0	1	0	0	0	0	0	0	0	0	> 3 2	> 51 0		
	AFTER 30JUN70		2			C/I	11	0	0	0	0	0	0	0	0	0	0	> 0 4	> 0 11		
IBM	360/30	12 0	0 0	>528	1	RES	5	6	2	2	0	0	0	0	0	0	0	>12 0	>301 1	DSK 15	3
				>352	1	ADM	0	1	0	1	2	3	3	0	2	1	2	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	10	INS	2	3	2	2	4	1	0	0	1	0	0	> 6 0	>151 0	OTH 1	
	PRIOR 30JUN70		12	> 0	3	P S	15	0	0	0	0	0	0	0	0	0	0	> 3 4	> 51 9		
	AFTER 30JUN70		3			C/I	14	1	0	0	0	0	0	0	0	0	0	> 0 10	> 0 5		
IBM	360/40	20 0	10 0	>528	1	RES	12	9	2	2	1	1	0	0	0	0	0	>12 0	>301 0	DSK 26	12
				>352	12	ADM	3	1	2	4	4	4	0	1	1	1	1	> 9 0	>251 4	DRM 0	
	INSTALLED:			>176	9	INS	3	3	1	4	5	2	2	3	0	2	0	> 6 0	>151 5	OTH 1	
	PRIOR 30JUN70		24	> 0	2	P S	25	2	0	0	0	0	0	0	0	0	0	> 3 11	> 51 10		
	AFTER 30JUN70		5			C/I	27	0	0	0	0	0	0	0	0	0	0	> 0 12	> 0 0		
IBM	360/44	4 0	1 0	>528	0	RES	0	2	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK 2	0
				>352	0	ADM	0	0	1	0	1	0	0	0	0	0	0	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	2	INS	0	0	0	0	0	1	0	1	0	0	0	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		2	> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 2		
	AFTER 30JUN70		0			C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 0		
IBM	360/50	5 0	2 0	>528	1	RES	2	2	1	0	1	0	0	0	0	0	0	>12 0	>301 4	DSK 6	4
				>352	3	ADM	0	0	0	2	1	2	1	0	0	0	0	> 9 0	>251 1	DRM 0	
	INSTALLED:			>176	2	INS	0	0	0	2	1	3	0	0	0	0	0	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		4	> 0	0	P S	4	0	2	0	0	0	0	0	0	0	0	> 3 3	> 51 1		
	AFTER 30JUN70		2			C/I	5	0	0	1	0	0	0	0	0	0	0	> 0 1	> 0 0		
INT	3	1 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK 0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		1	> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0		
	AFTER 30JUN70		0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1		
NCR	100	4 0	0 0	>528	0	RES	4	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK 4	1
				>352	1	ADM	1	0	1	0	0	0	0	0	0	0	1	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	1	INS	2	1	0	1	0	0	0	0	0	0	0	> 6 0	>151 0	OTH 0	
	PRIOR 30JUN70		3	> 0	1	P S	4	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0		
	AFTER 30JUN70		1			C/I	3	0	0	0	0	1	0	0	0	0	0	> 0 3	> 0 4		
NCR	200	3 0	2 0	>528	0	RES	2	3	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK 5	1
				>352	0	ADM	0	0	1	0	0	1	1	1	0	0	0	> 9 0	>251 0	DRM 0	
	INSTALLED:			>176	5	INS	1	1	0	1	1	0	0	0	1	0	0	> 6 0	>151 0	OTH 1	
	PRIOR 30JUN70		4	> 0	0	P S	5	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 3		
	AFTER 30JUN70		1			C/I	4	1	0	0	0	0	0	0	0	0	0	> 0 2	> 0 2		

GROUP (MASTERS) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG H-CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/D	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPA-BILTY
NCR 315	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	
					>352	0	ADM	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:				>176	1	INS	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	1			> 0	0	P S	0	1	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
NCR 500	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
NCR 615	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
					>352	0	ADM	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	1	INS	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
RCA 110	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:				>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	0			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
RCA 301	0	0	0	1	>528	0	RES	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
RCA 70/35	7	0	1	0	>528	0	RES	4	4	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	8	0
					>352	0	ADM	0	0	0	1	0	2	1	2	2	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	6	INS	0	0	5	0	2	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	7			> 0	2	P S	4	1	1	0	0	0	0	0	0	0	> 3	5	> 51	8			
	AFTER 30JUN70	1					C/I	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
RCA 70/45	3	0	1	0	>528	0	RES	2	2	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	4	1
					>352	1	ADM	0	0	0	0	1	1	0	0	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	2	INS	1	0	1	0	1	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	0	P S	4	0	0	0	0	0	0	0	0	0	> 3	2	> 51	4			
	AFTER 30JUN70	2					C/I	4	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
RCA 70/46	0	0	2	0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	2
					>352	0	ADM	0	0	0	1	1	0	0	0	0	0	> 9	0	>251	2	DRM	2	
	INSTALLED:				>176	2	INS	0	0	0	0	0	0	2	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	0	P S	2	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI ATHENA	0	0	0	1	>528	0	RES	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:				>176	0	INS	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
UNI 1004	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	1	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
UNI 1100	0	0	1	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	0	1
					>352	0	ADM	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:				>176	1	INS	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
UNI 9200	3	0	1	0	>528	0	RES	4	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	2
					>352	0	ADM	1	0	0	0	0	0	0	0	1	1	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	2	2	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	3	P S	4	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2					C/I	4	0	0	0	0	0	0	0	0	0	> 0	0	> 0	4			
UNI 9300	2	0	0	0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
					>352	0	ADM	0	0	0	0	0	0	1	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	1	INS	1	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	1	P S	2	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
UNI 9400	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
					>352	0	ADM	0	0	0	0	0	0	0	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	1	INS	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
XDS SIGMA5	1	0	0	0	>528	0	RES	0	2	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	1	0	0	0	0	0	1	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:				>176	1	INS	0	0	0	1	0	0	0	1	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	1			> 0	1	P S	2	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	1	1	0	0	0	0	0	0	0	0	> 0	2	> 0	1			
XDS SIGMA7	2	0	2	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	2
					>352	0	ADM	1	0	0	0	0	1	0	0	0	0	> 9	0	>251	2	DRM	1	
	INSTALLED:				>176	1	INS	1	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	0	P S	1	1	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	1	0	0	0	0	0	0	0	> 0	2	> 0	0			

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP C (DOCTORATE) SUMMARY OF COMPUTERS

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE (PERCENT) A/C	IO	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
ADG	AD4	0	0 1	>528	C	RES	C	C	C	C	C	C	C	C	C	C	1	>12	0	>301	0	DSK	0	0
				>352	C	ADM	1	C	C	C	C	C	C	C	C	C	C	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	C	INS	1	C	C	C	C	C	C	C	C	C	C	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	C	C	C	C	C	C	C	C	C	C	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	C	C	C	C	C	C	C	C	C	C	> 0	1	> 0	0			
ADG	AGT-30	0	0 1	>528	C	RES	1	C	C	C	C	C	C	C	C	C	C	>12	0	>301	0	DSK	0	0
				>352	C	ADM	1	C	C	C	C	C	C	C	C	C	C	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	C	INS	1	C	C	C	C	C	C	C	C	C	C	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	C	C	C	C	C	C	C	C	C	C	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	C	C	C	C	C	C	C	C	C	C	> 0	0	> 0	0			
ADG	AGT/10	0	0 3	>528	C	RES	C	C	C	C	C	C	2	C	1	C	C	>12	0	>301	0	DSK	2	1
				>352	C	ADM	3	C	C	C	C	C	C	C	C	C	C	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	C	C	1	C	2	C	C	C	C	C	C	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	1	P S	3	C	C	C	C	C	C	C	C	C	C	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	3	C	C	C	C	C	C	C	C	C	C	> 0	1	> 0	3			
BIT	480	0	0 2	>528	C	RES	2	C	C	C	C	C	C	C	C	C	C	>12	0	>301	0	DSK	0	1
				>352	C	ADM	2	C	C	C	C	C	C	C	C	C	C	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	C	C	C	C	C	C	C	C	C	C	2	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	C	C	C	C	C	C	C	C	C	C	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	C	C	C	C	C	C	C	C	C	C	> 0	0	> 0	2			
BUR	B2500	3	0 0	>528	C	RES	3	C	C	C	C	C	C	C	C	C	C	>12	0	>301	0	DSK	3	0
				>352	C	ADM	2	C	C	C	C	C	C	C	C	C	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	3	C	C	C	C	C	C	C	C	C	C	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	2	C	C	C	C	C	C	C	C	C	1	> 3	1	> 51	2			
	AFTER 30JUN70	2				C/I	3	C	C	C	C	C	C	C	C	C	C	> 0	2	> 0	1			
BUR	B3500	1	0 0	>528	C	RES	C	1	C	C	C	C	C	C	C	C	C	>12	0	>301	0	DSK	1	1
				>352	C	ADM	C	C	C	C	C	C	C	1	C	C	C	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	C	C	1	C	C	C	C	C	C	C	C	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	C	P S	1	C	C	C	C	C	C	C	C	C	C	> 3	1	> 51	1			
	AFTER 30JUN70	1				C/I	1	C	C	C	C	C	C	C	C	C	C	> 0	0	> 0	0			
BUR	B5500	7	0 4	>528	1	RES	1	0	2	C	C	2	1	1	1	2	0	>12	0	>301	0	DSK	10	7
				>352	2	ADM	6	2	2	C	C	C	C	C	C	C	C	> 9	1	>251	7	DRM	0	
	INSTALLED:			>176	2	INS	1	3	2	1	C	1	C	C	2	C	C	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0	4	P S	10	C	C	C	C	C	C	C	C	C	C	> 3	7	> 51	0			
	AFTER 30JUN70	1				C/I	9	1	C	C	C	C	C	C	C	C	C	> 0	2	> 0	3			
BUR	B6500	1	0 1	>528	C	RES	C	C	C	C	C	1	C	C	C	1	C	>12	0	>301	2	DSK	2	1
				>352	C	ADM	1	1	C	C	C	C	C	C	C	C	C	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	C	C	C	C	1	C	C	C	C	C	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	C	C	C	C	C	C	C	C	C	C	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	2	C	C	C	C	C	C	C	C	C	C	> 0	0	> 0	0			
CDC	G15	0	0 0	>528	C	RES	C	C	C	C	C	C	C	C	C	C	1	>12	0	>301	0	DSK	0	0
				>352	C	ADM	1	C	C	C	C	C	C	C	C	C	C	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	C	INS	1	C	C	C	C	C	C	C	C	C	C	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	C	C	C	C	C	C	C	C	C	C	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	C	C	C	C	C	C	C	C	C	C	> 0	0	> 0	0			
CDC	G20M	0	0 2	>528	C	RES	C	C	C	C	C	C	C	1	1	C	C	>12	0	>301	0	DSK	0	0
				>352	C	ADM	2	C	C	C	C	C	C	C	C	C	C	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	C	INS	C	C	1	1	C	C	C	C	C	C	C	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	C	C	C	C	C	C	C	C	C	C	> 3	2	> 51	2			
	AFTER 30JUN70	0				C/I	2	C	C	C	C	C	C	C	C	C	C	> 0	0	> 0	0			
CDC	L6P30	0	0 0	>528	C	RES	C	C	C	C	C	1	C	C	C	C	C	>12	0	>301	1	DSK	1	0
				>352	C	ADM	C	C	1	C	C	C	C	C	C	C	C	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	C	C	1	C	C	C	C	C	C	C	C	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	C	C	C	C	C	C	C	C	C	C	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	C	1	C	C	C	C	C	C	C	C	C	> 0	0	> 0	0			
CDC	160	C	0 1	>528	C	RES	C	C	C	C	1	C	1	C	C	C	C	>12	C	>301	0	DSK	0	0
				>352	C	ADM	2	C	C	C	C	C	C	C	C	C	C	> 9	C	>251	0	DRM	0	
	INSTALLED:			>176	C	INS	C	C	C	C	1	C	1	C	C	C	C	> 6	C	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	C	C	C	C	C	C	C	C	C	C	> 3	C	> 51	0			
	AFTER 30JUN70	0				C/I	2	C	C	C	C	C	C	C	C	C	C	> 0	2	> 0	2			
CDC	160A	0	0 2	>528	C	RES	C	C	C	C	C	1	C	C	C	1	1	>12	C	>301	0	DSK	0	1
				>352	C	ADM	3	C	C	C	C	C	C	C	C	C	C	> 9	C	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	2	1	C	C	C	C	C	C	C	C	C	> 6	C	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	1	P S	2	C	C	C	C	1	C	C	C	C	C	> 3	C	> 51	0			
	AFTER 30JUN70	0				C/I	3	C	C	C	C	C	C	C	C	C	C	> 0	3	> 0	3			
CDC	1604	1	0 1	>528	1	RES	1	1	C	C	C	1	C	C	1	C	C	1	>12	C	>301	0	DSK	1	0
				>352	1	ADM	5	C	C	C	C	C	C	C	C	C	C	> 9	C	>251	2	DRM	0	
	INSTALLED:			>176	1	INS	2	C	1	C	C	1	C	C	C	1	C	> 6	3	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	1	P S	5	C	C	C	C	C	C	C	C	C	C	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	5	C	C	C	C	C	C	C	C	C	C	> 0	0	> 0	2			
CDC	1700	3	0 3	>528	1	RES	3	C	C	1	C	1	C	C	C	1	C	>12	C	>301	0	DSK	5	3
				>352	1	ADM	6	C	C	C	C	C	C	C	C	C	C	> 9	C	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	2	1	C	1	C	C	C	1	C	C	1	> 6	C	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0	3	P S	3	C	1	C	C	C	C	C	C	C	2	> 3	C	> 51	4			
	AFTER 30JUN70	2				C/I	4	C	C	C	C	C	C	C	C	C	C	> 0	5	> 0	2			
CDC	3100	1	0 2	>528	C	RES	C	C	C	1	C	C	C	C	C	C	1	>12	C	>301	0	DSK	1	1
				>352	C	ADM	1	1	C	C	C	C	C	C	C	C	C	> 9	C	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	1	C	C	C	C	C	C	1	C	C	C	> 6	C	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	C	P S	2	C	C	C	C	C	C	C	C	C	C	> 3	2	> 51	1			
	AFTER 30JUN70	0				C/I	2	C	C	C	C	C	C	C	C	C	C	> 0	C	> 0	1			
CDC	3150	1	0 0	>528	C	RES	1	C	C	C	C	C	C	C	C	C	C	>12	C	>301	0	DSK	1	1
				>352	C	ADM	C	C	C	C	C	C	C	1	C	C	C	> 9	C	>251	0	DRM	0	
	INSTALLED:			>176	C	INS	C	C	1	C	C	C	C	C	C	C	C	> 6	C	>151	0	OTH	0	
	PRIOR 30JUN70	C		> 0	1	P S	1	C	C	C	C	C	C	C	C	C	C	> 3	C	> 51	1			
	AFTER 30JUN70	1				C/I	1	C	C	C	C	C	C	C	C	C	C	> 0	1	> 0	C			
CDC	3200	2	1 1	>528	C	RES	C	1	C	C	C	C	1	C	C	1	C	>12	C	>301	0	DSK	3	1
				>352	C	ADM	C	3	C	C	C	C	C	C	C	C	C	> 9	C	>251	0	DRM	0	
	INSTALLED:			>176	C	INS	1	C	C	1	C	C	C	1	C	C	C	> 6	C	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	3	P S	3	C	C	C	C	C	C	C	C	C	C	> 3	2	> 51	3			
	AFTER 30JUN70	0				C/I	3	C	C	C	C	C	C	C	C	C	C	> 0	C	> 0	C			

GROUP (DOCTORATE) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CU	NUMBER PURCHASED MFG UTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE A/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPABILITY
CDC	3300	5	0 2	>528	2	RES	0	1	1	1	0	2	1	0	0	1	0	>12	0	>301	3	DSK 7		6
				>352	1	ADM	3	0	0	2	1	1	0	0	0	0	0	> 9	0	>251	1	DRM 0		
	INSTALLED:			>176	2	INS	2	2	1	1	1	0	0	0	0	0	0	> 6	1	>151	0	OTH 0		
	PRIOR 30JUN70	7	> 0	2	P S	5	0	0	1	0	0	0	0	0	1	0	0	> 3	3	> 51	3			
	AFTER 30JUN70	0			C/I	6	1	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
CDC	3400	1	0 3	>528	1	RES	0	0	0	1	0	0	0	1	1	1	0	>12	0	>301	0	DSK 3		0
				>352	0	ADM	3	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	2	DRM 1		
	INSTALLED:			>176	1	INS	0	2	0	1	0	0	1	0	0	0	0	> 6	1	>151	1	OTH 0		
	PRIOR 30JUN70	3	> 0	2	P S	3	1	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	1			C/I	4	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
CDC	3600	1	0 4	>528	2	RES	0	0	0	0	0	0	1	0	0	3	1	0	>12	1	>301	2	DSK 3		2
				>352	2	ADM	5	0	0	0	0	0	0	0	0	0	0	0	> 9	1	>251	3	DRM 3		
	INSTALLED:			>176	0	INS	0	2	2	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	5	> 0	1	P S	4	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0			C/I	5	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
CDC	6400	0	0 6	>528	6	RES	1	0	1	3	0	4	1	0	0	2	0	>12	0	>301	6	DSK 12		10
				>352	1	ADM	8	1	2	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 1		
	INSTALLED:			>176	3	INS	1	2	1	3	0	2	2	1	0	0	0	> 6	2	>151	0	OTH 1		
	PRIOR 30JUN70	9	> 0	1	P S	10	2	0	0	0	0	0	0	0	0	0	0	> 3	7	> 51	4			
	AFTER 30JUN70	3			C/I	10	1	0	1	0	0	0	0	0	0	0	0	> 0	4	> 0	0			
CDC	6500	0	0 2	>528	0	RES	0	0	0	0	0	1	0	0	0	1	0	>12	0	>301	2	DSK 2		2
				>352	0	ADM	1	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0		
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	2	> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0			C/I	1	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	6600	3	0 3	>528	1	RES	0	0	0	0	0	0	1	1	1	0	0	>12	0	>301	3	DSK 3		1
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 1		
	INSTALLED:			>176	1	INS	0	1	0	2	0	0	0	0	0	0	0	> 6	1	>151	0	OTH 1		
	PRIOR 30JUN70	2	> 0	0	P S	1	2	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	1			C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	6090	1	0 3	>528	0	RES	0	1	0	0	0	1	0	2	0	0	1	>12	0	>301	0	DSK 0		3
			1	>352	5	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0		
	INSTALLED:			>176	4	INS	3	0	0	1	0	0	0	0	0	1	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	5	> 0	1	P S	4	0	0	0	0	1	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0			C/I	5	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			
CDC	915	1	0 0	>528	1	RES	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0		0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	0	> 9	1	>251	0	DRM 0		
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	1	> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0			C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	924	0	0 1	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 0		1
				>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0		
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	1	> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0			C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
DAU	4001	0	0 2	>528	0	RES	3	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0		0
			1	>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0		
	INSTALLED:			>176	0	INS	3	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	3	> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0			C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DAU	6101	0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0		0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0		
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	1	> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0			C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UAI	70	1	0 0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK 0		0
				>352	1	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM 0		
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	0	> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1			C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEC	LINC	0	0 4	>528	0	RES	0	0	0	0	0	0	0	0	2	0	2	>12	0	>301	0	DSK 0		4
				>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0		
	INSTALLED:			>176	4	INS	2	0	2	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	4	> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0			C/I	4	0	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	4			
DEC	LINC8	0	0 10	>528	0	RES	1	1	0	0	0	1	0	0	2	3	3	>12	0	>301	0	DSK 2		3
				>352	4	ADM	11	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0		
	INSTALLED:			>176	1	INS	4	3	2	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	11	> 0	5	P S	11	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0			C/I	10	0	0	0	0	0	0	0	0	0	0	1	> 0	0	> 0	11			
DEC	PDP1	0	0 4	>528	1	RES	0	0	0	1	0	0	0	1	0	0	2	>12	0	>301	0	DSK 1		2
				>352	1	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 2		
	INSTALLED:			>176	1	INS	2	0	0	1	0	0	0	1	0	0	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	4	> 0	1	P S	4	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	2			
	AFTER 30JUN70	0			C/I	4	0	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	2			
DEC	PDP10	4	0 17	>528	4	RES	1	2	0	3	3	0	0	1	3	3	4	>12	0	>301	11	DSK 17		16
			1	>352	6	ADM	17	2	0	0	1	0	0	4	0	0	0	> 9	0	>251	5	DRM 2		
	INSTALLED:			>176	6	INS	5	3	3	2	1	1	2	1	0	2	0	> 6	3	>151	2	OTH 3		
	PRIOR 30JUN70	13	> 0	3	P S	18	2	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	1			
	AFTER 30JUN70	7			C/I	18	1	1	0	0	0	0	0	0	0	0	0	> 0	11	> 0	1			
DEC	PDP11	1	0 4	>528	0	RES	1	0	0	0	0	1	0	1	1	0	1	>12	0	>301	0	DSK 1		1
			1	>352	5	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0		
	INSTALLED:			>176	1	INS	2	0	1	1	0	1	0	0	0	0	0	> 6	0	>151	0	OTH 0		
	PRIOR 30JUN70	2	> 0	2	P S	5	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	3			C/I	5	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			
DEC	PDP12	1	0 13	>528	0	RES	0	1	0	1	0	0	0	1	3	4	4	>12	0	>301	0	DSK 4		4
			1	>352	1	ADM	13	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0		
	INSTALLED:			>176	5	INS	5	4	3	1	0	0	0	0	1	0	0	> 6	0	>151	0	OTH 3		
	PRIOR 30JUN70	13	> 0	6	P S	13	0	0	0	0	0	0	1	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	1			C/I	14	0	0	0	0	0	0	0	0	0	0	0	> 0	12	> 0	14			

GROUP (DOCTORATE)) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	AVG USAGE/MO HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/O	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPABILTY
DEC	PDP12A	0 0	2 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	2	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
DEC	PDP13	0 0	0 1	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DEC	PDP15	0 0	12 0	>528	0	RES	2	0	0	0	0	1	0	1	1	1	7	>12	0	>301	0	DSK	5	2
				>352	1	ADM	12	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	6	INS	8	2	1	1	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	3	
	PRIOR 30JUN70	2		> 0	3	P S	12	1	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	1			
	AFTER 30JUN70	11				C/I	13	0	0	0	0	0	0	0	0	0	0	0	> 0	8	> 0	12			
DEC	PDP5	0 0	2 1	>528	0	RES	1	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	0	2	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
DEC	PDP6	0 0	5 0	>528	2	RES	1	0	0	0	0	0	0	1	0	2	1	>12	0	>301	2	DSK	2	1
				>352	1	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:			>176	1	INS	2	2	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	1	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
DEC	PDP7	0 0	8 1	>528	1	RES	0	0	0	0	1	0	0	0	1	4	2	>12	0	>301	0	DSK	0	2
				>352	2	ADM	8	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	3	3	1	0	0	1	0	0	0	0	0	> 6	1	>151	0	OTH	2	
	PRIOR 30JUN70	8		> 0	0	P S	8	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	7	1	0	0	0	0	0	0	0	0	0	> 0	3	> 0	8			
DEC	PDP8	0 0	26 5	>528	4	RES	5	0	0	4	1	0	0	1	2	3	10	>12	0	>301	0	DSK	2	7
				>352	5	ADM	30	0	0	1	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	11	INS	20	3	2	2	1	0	1	2	0	0	1	> 6	0	>151	0	OTH	4	
	PRIOR 30JUN70	32		> 0	9	P S	31	0	0	0	0	0	0	0	0	0	1	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	31	1	0	0	0	0	0	0	0	0	0	> 0	15	> 0	30			
DEC	PDP8/F	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEC	PDP8E	0 0	3 0	>528	0	RES	2	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	0	0
				>352	2	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	1	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	3				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
DEC	PDP8I	0 0	25 2	>528	3	RES	8	2	0	2	1	4	2	1	0	0	10	>12	0	>301	0	DSK	13	12
				>352	2	ADM	27	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	8	INS	17	0	1	0	0	2	3	1	2	0	2	> 6	0	>151	0	OTH	2	
	PRIOR 30JUN70	25		> 0	10	P S	27	0	0	0	0	1	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	3				C/I	28	0	0	0	0	0	0	0	0	0	0	> 0	10	> 0	27			
DEC	PDP8L	0 0	9 2	>528	0	RES	5	0	0	0	0	0	0	1	2	3	0	2	>12	0	>301	0	DSK	0	0
				>352	3	ADM	12	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	7	1	2	1	0	0	0	0	0	0	0	2	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	13		> 0	5	P S	11	0	0	1	1	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	8				C/I	13	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	12			
DEC	PDP8S	0 0	5 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	1	3	>12	0	>301	0	DSK	0	1
				>352	0	ADM	5	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	3	1	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	4	P S	5	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	5			
DEC	PDP9	1 0	11 0	>528	1	RES	2	0	1	0	0	1	0	0	3	4	3	>12	0	>301	0	DSK	6	5
				>352	3	ADM	13	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	3	INS	4	4	3	0	0	1	0	0	1	0	1	1	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	13		> 0	6	P S	14	0	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	1			
	AFTER 30JUN70	1				C/I	14	0	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	12			
DEC	680	0 0	2 0	>528	0	RES	0	0	0	0	0	1	1	0	0	0	0	0	>12	0	>301	0	DSK	0	2
				>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
DSC	META4	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	1	0
				>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
EAI	TR48	0 0	1 0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
EAI	231R	1 0	0 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
EAI	580	0 0	2 0	>528	0	RES	0	0	0	1	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	1	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			

GROUP C (DUCTUATE) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTH	NUMBER PURCHASED MFG	NUMBER PURCHASED OTH	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	COMM CAPABILITY
EAI	640	0	0	0	1	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
EAI	680	0	0	8	1	>528	0	RES	0	0	0	4	0	0	2	2	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	9	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	2	2	0	1	3	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	9		> 0		7	P S	9	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	8	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
EAI	690	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
EAI	8800	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GEC	DME130	1	0	0	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	GPAC30	0	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
GEC	225	0	0	1	1	>528	0	RES	1	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0		0	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
GEC	312	0	0	0	1	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GEC	4060	0	0	1	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GEC	415	1	0	1	0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	2	ADM	0	0	0	0	0	1	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0		0	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	1			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	425	2	0	0	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	2	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	1	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0		0	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
GEC	635	1	0	1	1	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	1
						>352	1	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	0	0	0	1	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GRI	909	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HEP	2115A	0	0	3	0	>528	0	RES	1	0	0	0	0	1	0	0	0	0	2	>12	0	>301	0	DSK	0	1
						>352	1	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	2	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0		2	P S	4	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	4	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	3			
HEP	2116	0	0	2	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	1
						>352	2	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0		1	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2116A	0	0	3	0	>528	0	RES	0	0	1	0	0	1	0	0	0	1	0	>12	0	>301	0	DSK	1	1
						>352	3	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	1	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0		1	P S	3	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	3			
HEP	2116B	0	0	5	3	>528	0	RES	1	0	1	0	0	1	0	0	0	1	1	>12	0	>301	0	DSK	1	1
						>352	1	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	2	1	0	0	0	1	0	0	1	0	0	> 6	0	>151	0	DTH	2	
	PRIOR 30JUN70	5		> 0		2	P S	5	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2					C/I	5	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			
HEP	V100A	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			

GROUP C (DOCTORATE) — SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG MCCO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CUMM CAPABILITY
HEP	91008	0	0	2	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	2	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HEP	9101A	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	DDP116	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	1	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	1	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HON	H21	0	0	0	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	H316	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HON	115	1	0	0	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	1200	1	0	0	0	>528	1	RES	1	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	0
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HON	1250	4	0	0	0	>528	1	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	2	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	1			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	200	4	0	3	0	>528	0	RES	5	0	0	0	0	0	2	0	0	0	0	>12	0	>301	0	DSK	2	2
						>352	2	ADM	2	0	0	0	0	0	1	0	2	0	2	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	4	INS	0	0	0	0	1	2	0	0	0	0	0	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	7		> 0	1	P S	5	0	2	0	0	0	0	0	0	0	0	0	> 3	4	> 51	0			
	AFTER 30JUN70	0				C/I	7	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	7			
HON	316	0	0	2	1	>528	0	RES	1	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
HON	400	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	516	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	615	1	0	0	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	1	>301	0	DSK	1	1
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	645	1	0	0	0	>528	1	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	1	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	SYS3	4	0	0	0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	2	0	0	0	0	0	0	0	0	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
IBM	1130	55	0	21	2	>528	1	RES	20	11	7	7	4	7	1	6	3	7	3	>12	0	>301	0	DSK	67	22
						>352	8	ADM	54	11	3	1	2	2	0	0	1	1	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	28	INS	14	9	4	7	3	7	4	6	6	7	7	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	74		> 0	35	P S	73	1	0	0	0	0	0	0	0	1	1	1	> 3	1	> 51	3			
	AFTER 30JUN70	2				C/I	71	3	0	0	0	0	0	0	1	0	1	1	> 0	6	> 0	72			
IBM	1401	41	0	17	2	>528	2	RES	33	8	1	3	2	3	3	0	2	3	4	>12	0	>301	0	DSK	21	1
						>352	4	ADM	14	0	5	1	2	0	2	1	2	5	22	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	24	INS	35	7	9	1	3	0	0	1	0	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	58		> 0	21	P S	56	1	1	0	0	0	0	0	0	0	0	0	> 3	28	> 51	0			
	AFTER 30JUN70	0				C/I	55	1	2	0	0	0	0	0	0	0	0	0	> 0	18	> 0	56			
IBM	1410	4	0	1	1	>528	0	RES	2	1	0	0	1	1	0	0	0	0	0	>12	0	>301	0	DSK	3	1
						>352	2	ADM	0	0	1	0	0	1	0	0	0	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	3	1	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0	1	P S	5	0	0	0	0	0	0	0	0	0	0	0	> 3	5	> 51	2			
	AFTER 30JUN70	1				C/I	4	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			

SUMMARY OF COMPUTERS CONTINUED

GROUP (DOCTORATE) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED M-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MC AVG HRS	USAGE/MC NO.	PERCENT USAGE BY TYPE TYPE	N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPA-BILTY
IBM	1460	4	0	0	0	>528	0	RES	3	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	1
						>352	1	ADM	0	0	0	0	0	0	0	0	0	1	3	> 9	0	>251	0	DRM	0	
						>176	4	INS	4	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:					> 0	1	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	PRIOR 30JUN70	4						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	4			
	AFTER 30JUN70	0																								
IBM	1500	1	0	1	0	>528	1	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:							P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	PRIOR 30JUN70	1				> 0	0	C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
	AFTER 30JUN70	0																								
IBM	1620	12	0	42	2	>528	2	RES	13	8	11	3	1	4	3	2	1	3	1	>12	0	>301	0	DSK	22	1
						>352	3	ADM	34	8	2	2	0	1	0	0	0	1	2	> 9	0	>251	0	DRM	0	
						>176	15	INS	6	4	1	4	1	4	4	10	3	0	5	> 6	0	>151	1	OTH	0	
	INSTALLED:					> 0	28	P S	49	1	0	0	0	0	0	0	0	0	0	> 3	4	> 51	8			
	PRIOR 30JUN70	49						C/I	48	2	0	0	0	0	0	0	0	0	0	> 0	1	> 0	41			
	AFTER 30JUN70	1																								
IBM	1710	4	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	4	.		>301	0	DSK	1	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176		INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:					> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70	2						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
	AFTER 30JUN70	0																								
IBM	1800	14	0	21	0	>528	11	RES	4	1	1	0	1	2	0	1	3	2	14	>12	0	>301	0	DSK	28	9
						>352	3	ADM	25	1	1	0	0	0	0	0	0	0	2	> 9	0	>251	1	DRM	0	
						>176	9	INS	20	2	4	0	1	1	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:					> 0	3	P S	27	0	1	0	0	0	0	0	0	0	0	> 3	0	> 51	18			
	PRIOR 30JUN70	28						C/I	28	0	0	0	0	0	1	0	0	0	0	> 0	19	> 0	9			
	AFTER 30JUN70	1																								
IBM	360/20	50	0	6	0	>528	0	RES	23	6	1	4	3	6	3	4	1	1	4	>12	0	>301	0	DSK	4	24
						>352	9	ADM	29	2	1	0	1	2	1	1	3	4	14	> 9	0	>251	0	DRM	0	
						>176	26	INS	24	6	2	5	6	6	2	2	0	0	5	> 6	0	>151	0	OTH	0	
	INSTALLED:					> 0	15	P S	57	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70	52						C/I	50	0	0	0	0	0	0	0	0	0	0	> 0	12	> 0	56			
	AFTER 30JUN70	0																								
IBM	360/25	0	0	0	0	>528	0	RES	5	2	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	7	1
						>352	1	ADM	1	0	0	0	0	1	0	0	1	0	5	> 9	0	>251	0	DRM	0	
						>176	5	INS	6	1	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	INSTALLED:					> 0	2	P S	8	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	PRIOR 30JUN70	0						C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	8			
	AFTER 30JUN70	2																								
IBM	360/30	20	0	7	0	>528	3	RES	17	3	2	3	1	0	0	0	0	1	0	>12	0	>301	0	DSK	20	7
						>352	7	ADM	3	0	1	2	1	1	1	0	2	1	15	> 9	0	>251	0	DRM	0	
						>176	13	INS	16	4	1	1	3	1	1	0	0	0	0	> 6	1	>151	0	OTH	1	
	INSTALLED:					> 0	3	P S	25	1	0	0	0	0	0	0	0	1	0	> 3	11	> 51	18			
	PRIOR 30JUN70	25						C/I	26	0	0	0	0	0	0	0	0	0	1	> 0	13	> 0	9			
	AFTER 30JUN70	2																								
IBM	360/40	50	0	14	0	>528	16	RES	24	14	8	6	3	1	0	1	1	0	0	>12	0	>301	0	DSK	55	27
						>352	17	ADM	8	2	5	3	4	5	4	0	5	2	20	> 9	0	>251	25	DRM	0	
						>176	22	INS	28	8	3	5	6	4	2	1	0	1	0	> 6	2	>151	5	OTH	1	
	INSTALLED:					> 0	2	P S	52	3	1	0	0	1	0	0	0	1	0	> 3	32	> 51	27			
	PRIOR 30JUN70	47						C/I	53	4	0	0	0	1	0	0	0	0	0	> 0	22	> 0	1			
	AFTER 30JUN70	11																								
IBM	360/44	10	0	11	0	>528	2	RES	1	3	1	1	2	0	3	2	2	1	3	>12	0	>301	1	DSK	19	5
						>352	4	ADM	12	2	2	1	0	1	1	0	0	0	0	> 9	0	>251	6	DRM	0	
						>176	12	INS	5	2	5	2	2	1	0	0	0	2	0	> 6	0	>151	0	OTH	0	
	INSTALLED:					> 0	1	P S	15	3	0	1	0	0	0	0	0	0	0	> 3	4	> 51	11			
	PRIOR 30JUN70	10						C/I	16	3	0	0	0	0	0	0	0	0	0	> 0	13	> 0	1			
	AFTER 30JUN70	1																								
IBM	360/50	50	1	13	0	>528	12	RES	18	6	5	9	12	1	6	1	0	1	0	>12	0	>301	41	DSK	58	42
						>352	21	ADM	15	8	11	2	2	6	1	1	1	2	10	> 9	0	>251	14	DRM	2	
						>176	20	INS	10	3	6	9	10	7	3	1	1	1	0	> 6	8	>151	0	OTH	4	
	INSTALLED:					> 0	0	P S	45	10	0	1	0	0	0	0	0	0	2	> 3	30	> 51	3			
	PRIOR 30JUN70	49						C/I	57	2	0	0	0	0	0	0	0	0	0	> 0	21	> 0	0			
	AFTER 30JUN70	10																								
IBM	360/65	22	0	13	0	>528	5	RES	1	0	1	1	8	6	2	3	1	3	1	>12	0	>301	25	DSK	27	22
						>352	9	ADM	11	2	4	4	6	0	0	0	0	0	0	> 9	0	>251	2	DRM	7	
						>176	11	INS	4	6	10	2	3	2	0	0	0	0	0	> 6	8	>151	0	OTH	8	
	INSTALLED:					> 0	2	P S	20	5	2	0	0	0	0	0	0	0	0	> 3	17	> 51	0			
	PRIOR 30JUN70	24						C/I	21	6	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
	AFTER 30JUN70	3																								
IBM	360/67	8	0	8	0	>528	7	RES	1	3	0	1	1	0	2	4	1	0	0	>12	0	>301	12	DSK	12	12
						>352	4	ADM	8	1	2	1	0	1	0	0	0	0	0	> 9	1	>251	0	DRM	8	
						>176	2	INS	1	1	2	2	5	1	0	0	0	1	0	> 6	2	>151	0	OTH	3	
	INSTALLED:					> 0	0	P S	12	1	0	0	0	0	0	0	0	0	0	> 3	7	> 51	0			
	PRIOR 30JUN70	11						C/I	11	2	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
	AFTER 30JUN70	2																								
IBM	360/75	0	0	2	0	>528	2	RES	0	0	0	2	2	0	1	2	0	0	0	>12	0	>301	6	DSK	8	5
						>352	2	ADM	4	1	1	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	4	
						>176	1	INS	0	0	0	5	1	1	0	0	0	0	0	> 6	1	>151	0	OTH	0	
	INSTALLED:					> 0	2	P S	6	1	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	PRIOR 30JUN70	7						C/I	7	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	1			
	AFTER 30JUN70	0																								
IBM	360/91	2	0	4	0	>528	3	RES	0	0	0	0	0	0	0	1	1	1	1	>12	0	>301	4	DSK	4	4
						>352	1	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	1	>251	0	DRM	4	
						>176	0	INS	1	1	1	1	0	0	0	0	0	0	0	> 6	1	>151	0	OTH	0	
	INSTALLED:					> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	PRIOR 30JUN70	4						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
	AFTER 30JUN70	0																								
IBM	7010	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	1	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
						>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:					> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
	AFTER 30JUN70	0																								
IBM	7040	4	0	3	0	>528	0	RES	0	0	0	1	1	0	1	1	0	0	2	>12	0	>301	0	DSK	3	0
						>352	2	ADM	4	0	2	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	4	.IS	2	0	1	2	0	0	0	1	0	0	0	> 6	4	>151	3	OTH	0	
	INSTALLED:					> 0	0	P S	5	1	0	0	0	0	0	0	0	0	0	> 3	2	> 51	1			
	PRIOR 30JUN70	6						C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
	AFTER 30JUN70	0																								
IBM	7044	1	0	1	0	>528	0	RES	0	0	1	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	1	ADM	0	0	1	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	1	INS	0	0	1	1	0	0	0	0	0	0	0	> 6	1	>151	1	OTH	0	
	INSTALLED:					> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	PRIOR 30JUN70	2						C/I	1	0	0	1	0	0	0	0	0	0	0	> 0	0	> 0	1			
	AFTER 30JUN70	0																								

GROUP (DOCTORATE) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 1	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITS	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPABILITY
IBM 7072		0	0	2	0	>528	0	RES	1	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
						>176	0	INS	1	0	0	0	0	0	0	1	0	0	0	> 6	2	>151	0	OTH	0	
	INSTALLED:						2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		2		> 0		2	C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
	AFTER 30JUN70		0																							
IBM 7090		0	0	1	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	1	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	INSTALLED:						0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	PRIOR 30JUN70		1		> 0		0	C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
	AFTER 30JUN70		0																							
IBM 7094		3	0	9	3	>528	1	RES	5	1	0	1	1	0	0	2	0	1	1	>12	3	>301	1	DSK	2	1
						>352	0	ADM	9	1	1	0	1	0	0	0	0	0	0	> 9	3	>251	0	DRM	1	
						>176	5	INS	6	3	0	2	1	0	0	0	0	0	0	> 6	3	>151	7	OTH	0	
	INSTALLED:						3	P S	10	2	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	PRIOR 30JUN70		11		> 0			C/I	9	1	1	1	0	0	0	0	0	0	0	> 0	0	> 0	3			
	AFTER 30JUN70		1																							
IMLAC		0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		1		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
	AFTER 30JUN70		0																							
INT 15		0	0	2	0	>528	1	RES	0	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	2
						>352	0	ADM	0	0	0	0	0	2	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	1	INS	0	0	0	0	2	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		2		> 0			C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
	AFTER 30JUN70		0																							
INT 4		0	0	2	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	1	>12	0	>301	0	DSK	0	2
						>352	1	ADM	1	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	1	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		1		> 0			C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
	AFTEN 30JUN70		1																							
LIN 300		0	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		1		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
	AFTER 30JUN70		0																							
MANIAC III		0	0	0	1	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	PRIOR 30JUN70		1		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
	AFTER 30JUN70		0																							
MIC 800		0	0	1	0	>528	1	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		0		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
	AFTER 30JUN70		1																							
MIT TX-0		0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	1	1
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
						>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		1		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
	AFTER 30JUN70		0																							
NCH 310		0	0	0	0	>528	1	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		1		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
	AFTER 30JUN70		0																							
NCR 390		0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
						>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		1		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
	AFTER 30JUN70		0																							
NDI 50-50		0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		1		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
	AFTER 30JUN70		0																							
OLIVETTI		0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	0	0
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		0		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
	AFTER 30JUN70		1																							
OST NEBULA		0	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
						>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		1		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
	AFTER 30JUN70		0																							
PHI 2000		0	0	1	0	>528	0	RES	0	1	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	1	>251	1	DRM	1	
						>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		1		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
	AFTER 30JUN70		0																							
RAY P8440		0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		1		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
	AFTER 30JUN70		0																							
RAY TRICE		0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
						>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	INSTALLED:						0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	PRIOR 30JUN70		1		> 0			C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
	AFTER 30JUN70		0																							

GROUP (DOCTORATE) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	PERCENT USAGE BY TYPE PERCENT TYPE	H/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPABILTY
RAY	703	0	0	0	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
RAY	706	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
RCA	70/45	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	1	ADM	0	0	0	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
RCA	70/46	2	0	6	1	>528	2	RES	2	3	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	5	6
						>352	3	ADM	2	0	2	0	1	0	0	0	0	0	1	> 9	0	>251	6	DRM	6	
	INSTALLED:					>176	0	INS	1	1	0	0	1	0	0	2	0	0	1	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0		1	P S	4	0	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	0			
	AFTER 30JUN70	1					C/I	5	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
RCA	70/55	1	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	0	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
RPC	4000	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	1	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
SCC	DCT132	0	0	1	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
SCC	4700	0	0	3	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	3	1
						>352	1	ADM	2	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	1	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0		1	P S	3	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	3			
SCC	650	0	0	1	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
SEL	810	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
SEL	810-B	0	0	1	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
SEL	840A	0	0	1	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
SEL	86	1	0	0	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	0		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	0	0	0	0	0	1	0	0	0	0	0	0	> 0	0	> 0	0			
STU	IC4000	1	0	0	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
TEM	TEMP01	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
TRW	330	0	0	0	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	ATHENA	0	0	0	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	2	ADM	0	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	1	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0		2	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
UNI	SS00	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALL [illegible]					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR [illegible] JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER J[illegible] UN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			

GROUP (UNDOCUMENTED) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE PERCENT A/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPAB-ILITY
UNI	1004	1 0	0 0	>528	0	RES	1	0	0	<	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	4	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	4	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	5	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
UNI	1107	0 0	1 0	>528	1	RES	0	0	0	0	0	0	0	0	1	0	0	>12	1	>301	1	DSK	0	0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	1108	3 0	5 0	>528	4	RES	1	2	3	1	1	0	0	0	0	0	0	>12	0	>301	0	DSK	1	7
				>352	4	ADM	1	1	3	1	1	0	0	0	0	0	1	> 9	0	>251	0	DRM	8	
	INSTALLED:			>176	1	INS	1	1	0	1	3	1	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	6		> 0	1	P S	4	3	0	1	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	6	0	1	0	0	0	1	0	0	0	0	> 0	0	> 0	0			
UNI	4181	0 0	1 0	>528	1	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
UNI	4181I	0 0	1 0	>528	1	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
UNI	9200	4 0	1 0	>528	0	RES	0	1	0	1	0	1	1	0	0	0	1	>12	0	>301	0	DSK	0	3
				>352	0	ADM	4	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	1	0	0	1	0	1	0	1	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0	3	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	4			
UNI	9300	0 0	1 0	>528	0	RES	8	0	0	0	0	1	1	1	0	0	0	>12	0	>301	0	DSK	1	4
				>352	2	ADM	3	1	0	0	0	0	0	0	0	0	5	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	5	INS	5	0	1	1	0	1	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	2	P S	9	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	4				C/I	9	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	8			
UNI	9400	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
				>352	0	ADM	0	0	0	0	0	0	0	0	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
VAR	620I	0 0	5 0	>528	0	RES	1	0	0	0	0	0	0	0	1	0	3	>12	0	>301	0	DSK	1	5
				>352	0	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	3	0	1	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	5	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			
VAR	620I	0 0	2 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	2	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
WAN	700	0 0	3 0	>528	0	RES	0	0	0	0	0	0	2	0	0	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	2	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	2	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
WAN	700A	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
XDS	SIGMA2	4 0	3 1	>528	1	RES	0	0	0	0	0	0	0	2	0	0	3	>12	0	>301	0	DSK	2	0
				>352	0	ADM	4	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	3	1	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	2	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	5			
XDS	SIGM[illegible]	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
XDS	SIGMA5	3 0	4 0	>528	0	RES	2	0	0	1	0	0	0	0	0	1	2	>12	0	>301	0	DSK	5	4
				>352	0	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	2	
	INSTALLED:			>176	1	INS	4	2	0	0	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	3		> 0	4	P S	6	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	3			
	AFTER 30JUN70	3				C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	1			
XDS	SIGMA6	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
				>352	0	ADM	0	0	0	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	0	0	0	1	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
XDS	SIGMA7	0 0	8 0	>528	1	RES	0	1	0	3	0	0	1	0	0	2	2	>12	0	>301	2	DSK	8	4
				>352	3	ADM	5	1	3	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	2	
	INSTALLED:			>176	3	INS	3	1	1	2	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	8	
	PRIOR 30JUN70	9		> 0	1	P S	7	2	0	0	0	0	2	0	0	0	0	> 3	2	> 51	3			
	AFTER 30JUN70	0				C/I	7	1	0	0	0	0	1	0	0	0	0	> 0	7	> 0	2			
XDS	910	0 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			

GROUP C (DOCTORATE)) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	USAGE/MO NO.	TYPE	PERCENT USAGE BY TYPE PERCENT A/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	COMM CAPABILITY
ADS	92	0	0	0	0	>528	0	RES	C	0	C	0	0	C	C	C	1	C	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	2		> 0		2	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
ADS	925	1	1	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JOJUN70	0					C/I	0	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
ADS	930	0	0	3	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	3	>12	0	>301	0	DSK	1	1
						>352	1	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:					>176	2	INS	3	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR JOJUN70	3		> 0		0	P S	3	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER JOJUN70	0					C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
ADS	9300	1	0	1	0	>528	0	RES	0	0	0	0	1	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	1	ADM	1	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	1	INS	0	0	1	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JOJUN70	2		> 0		0	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER JOJUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			

GROUP (BELOW 500) SUMMARY OF COMPUTERS

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MC AVG HRS	NO.	PERCENT USAGE BY TYPE TYPE	N/C	10	20	30	40	50	60	70	80	>C	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPABILTY
BUR	B2500	1	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
					>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:				>176	0	INS	0	0	0	0	0	0	0	0	1	0	0 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	1	> 0	1			
CDC	G15	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	1	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	1	0	0	0	0	0 > 0	0	> 0	0			
CDC	3800	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	1			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	0			
DEC	LINC8	0	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0 >12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	1	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	1	> 0	1			
DEC	PDP11	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0 >12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	1			
DEC	PDP12	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	1			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	1	> 0	0			
DEC	PDP15	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	1	0	0 >12	0	>301	0	DSK	1	1
						>352	0	ADM	1	1	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	0	1	1	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	0			> 0	0	P S	1	1	0	0	0	0	0	0	0	0	0 > 3	1	> 51	0			
	AFTER 30JUN70	2					C/I	2	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	1			
DEC	PDP8I	0	0	3	0	>528	0	RES	1	2	0	0	0	0	0	0	0	0	0 >12	0	>301	0	DSK	1	0
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	2	1 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3			> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	3	0	0	0	0	0	0	0	0	0	0 > 0	1	> 0	2			
DEC	PDP8L	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0 >12	0	>301	0	DSK	0	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	0 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	1			
DEC	PDP9	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0 >12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	1	P S	0	1	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	1			
EAI	1020	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0 >12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	1	> 0	1			
GEC	115	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0 >12	0	>301	0	DSK	1	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	1	0	0 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	0	1	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	1	> 0	1			
HON	115	0	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0 >12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	0			
IBM	1130	7	0	2	0	>528	0	RES	9	0	0	0	0	0	0	0	1	1	0	1	>12	0	>301	0	DSK	9	9
						>352	0	ADM	9	1	1	1	1	0	0	0	0	0	1 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	1	1	1	0	0	1	1	0	1	1 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	6			> 0	6	P S	9	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	2			
	AFTER 30JUN70	1					C/I	9	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	7			
IBM	1401	4	0	1	1	>528	0	RES	4	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	0
						>352	1	ADM	2	0	1	1	0	1	0	0	1	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	0	1	0	0	0	2	0	1	0	0	2 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0			> 0	2	P S	5	0	1	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	6	0	0	0	0	0	0	0	0	0	0 > 0	1	> 0	3			
IBM	1620	2	0	2	1	>528	0	RES	3	0	0	0	0	0	0	1	0	0	0 >12	0	>301	0	DSK	3	0
						>352	0	ADM	0	1	0	0	2	0	0	0	0	0	1 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	1	0	1	0	0	2	0	0	0	0	0 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4			> 0	2	P S	4	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	4	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	4			
IBM	1800	1	0	0	0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0 >12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0			> 0	1	P S	0	0	1	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	1			
IBM	360/20	4	0	0	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0 >12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	1 > 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	1 > 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0 > 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0 > 0	0	> 0	2			

GROUP C (BELOW 500) — SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	COMM CAPABILITY
IBM	360/25	3	1	0	0	>528	0	RES	2	1	0	0	0	0	0	0	0	0	0	>12	>301	DSK	3	1
						>352	0	ADM	0	0	2	1	0	0	0	0	0	0	0	> 9	>251	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	1	0	0	0	1	1	0	0	> 6	>151	DTH	0	
	PRIOR 30JUN70	3				> 0	2	P S	2	0	0	0	1	0	0	0	0	0	0	> 3	> 51			
	AFTER 30JUN70	0						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	> 0			
IBM	360/30	1	0	1	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	>301	DSK	2	0
						>352	2	ADM	0	0	0	1	0	0	0	0	0	0	1	> 9	>251	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	1	0	0	0	> 6	>151	DTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	> 51	2		
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	> 0	0		
IBM	360/40	2	0	0	0	>528	0	RES	0	2	0	0	0	0	0	0	0	0	0	>12	>301	DSK	2	0
						>352	1	ADM	0	1	1	0	0	0	0	0	0	0	0	> 9	>251	DRM	0	
	INSTALLED:					>176	1	INS	0	1	0	0	0	0	0	1	0	0	0	> 6	>151	DTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	1	0	0	0	0	0	0	0	0	> 3	> 51	1		
	AFTER 30JUN70	1						C/I	1	0	0	0	0	1	0	0	0	0	0	> 0	> 0	0		
IBM	360/44	0	0	1	0	>528	1	RES	0	1	0	0	0	0	0	0	0	0	0	>12	>301	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	>251	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	>151	DTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	> 51	1		
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	> 0	0		
IBM	360/50	1	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	>301	1	DSK	1	1
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	>151	0	DTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	> 51	0		
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	> 0	0		
NCR	100	1	0	1	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	1	0	0	0	0	> 9	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	1	0	0	0	0	0	0	> 6	>151	0	DTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	> 51	0		
	AFTER 30JUN70	1						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	> 0	2		
RCA	70/35	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	>151	0	DTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	> 51	1		
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	> 0	0		
SEL	86	1	0	0	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	>151	1	DTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	> 51	0		
	AFTER 30JUN70	1						C/I	0	0	0	0	1	0	0	0	0	0	0	> 0	> 0	0		
UNI	1004	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	>301	0	DSK	0	1
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	>151	0	DTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	> 51	0		
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	> 0	1		
UNI	9400	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	0	0	1	0	0	0	> 9	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	>151	0	DTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	> 51	1		
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	> 0	0		
XDS	SIGMA7	1	1	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	>301	w	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	>151	0	DTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	> 51	0		
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	> 0	1		

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SUMMARY OF COMPUTERS

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPA-BILITY
ADA	AG1/10	0 0	2 0	>528	0	RES	0	0	0	0	0	0	2	0	0	0	0	>12 0	>301	0	DSK	2 0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	2	INS	0	0	0	0	2	0	0	0	0	0	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	2		
BUR	B2500	2 0	0 0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	2 0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	1	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	1	0	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	0		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	1		
	AFTER 30JUN70	2				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1		
BUR	TC500	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0 1
				>352	0	ADM	0	0	0	0	0	0	0	0	1	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1		
CDC	615	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	1
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6 0	>151	0	OTH	1
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0		
CDC	160	0 0	0 1	>528	0	RES	0	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	1		
CDC	160A	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0 1
				>352	0	ADM	0	0	0	1	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0		
	AFTER 30JUN70	0				C/I	0	0	0	1	0	0	0	0	0	0	0	> 0 0	> 0	1		
CDC	1700	2 0	0 0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	2 2
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	0	INS	2	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	0		> 0	2	P S	0	0	0	0	0	0	0	0	0	0	2	> 3 0	> 51	2		
	AFTER 30JUN70	2				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0	0		
CDC	3300	1 0	0 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12 0	>301	1	DSK	1 1
				>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 1	>151	0	OTH	0
	PRIOR 30JUN70	1		> 0	0	P S	0	0	0	1	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0		
CDC	3400	0 0	1 0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12 0	>301	0	DSK	1 0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6 0	>151	1	OTH	0
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	0		
CDC	915	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0 0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9 1	>251	0	DRM	0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	1		
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0		
DAT	SUPNOV	0 0	1 0	>528	1	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0 1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	1
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	1		
DAT	4001	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0		
DEC	PDP10	1 0	0 1	>528	1	RES	1	0	0	1	0	0	0	0	0	0	0	>12 0	>301	1	DSK	1 2
				>352	0	ADM	0	2	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	1
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	1	0	0	0	0	> 6 0	>151	1	OTH	1
	PRIOR 30JUN70	1		> 0	0	P S	1	0	1	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	1				C/I	1	1	0	0	0	0	0	0	0	0	0	> 0 1	> 0	0		
DEC	PDP11	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	1 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1		
DEC	PDP12	0 0	2 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	1	>12 0	>301	0	DSK	1 0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	1	> 6 0	>151	0	OTH	1
	PRIOR 30JUN70	1		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	1				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0	2		
DEC	PDP12A	0 0	0 1	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0 1
				>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	1		
DEC	PDP7	0 0	1 0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12 0	>301	0	DSK	0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151	0	OTH	0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	0				C/I	0	1	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1		
DEC	PDP8	0 0	3 0	>528	1	RES	2	0	0	1	0	0	0	0	0	0	1	>12 0	>301	0	DSK	1 1
				>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	1
	INSTALLED:			>176	1	INS	2	0	0	0	1	0	0	0	0	0	1	> 6 0	>151	0	OTH	1
	PRIOR 30JUN70	4		> 0	1	P S	4	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0		
	AFTER 30JUN70	0				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	1		

SUMMARY OF COMPUTERS
GROUP (500-2499) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPA-BILITY
DEC	PDP8D	0 0	1 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
DEC	PDP8I	0 0	10 2	>528	1	RES	7	3	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 4 9
				>352	0	ADM	9	1	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	2	INS	6	0	0	0	0	0	1	0	0	3	> 6	0	>151	0	OTH 2
	PRIOR 30JUN70	8		> 0	5	P S	10	1	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	3				C/I	11	0	0	0	0	0	0	0	0	0	> 0	8	> 0	10	
DEC	PDP8L	0 0	7 1	>528	0	RES	1	4	0	1	0	1	0	1	0	0	>12	0	>301	0	DSK 0 3
				>352	1	ADM	8	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	4	INS	1	0	0	1	0	1	0	1	0	4	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	6		> 0	2	P S	6	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	2				C/I	8	0	0	0	0	0	0	0	0	0	> 0	0	> 0	8	
DEC	PDP8S	0 0	1 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
EAI	680	0 0	1 0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	0	1	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
FHI	5010	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
GEC	225	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
HEP	2000A	1 0	1 0	>528	1	RES	0	2	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1 1
				>352	1	ADM	1	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 2
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	1	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	0		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	2				C/I	1	0	1	0	0	0	0	0	0	0	> 0	2	> 0	2	
HEP	2007	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
HEP	2114	1 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
HEP	2114A	0 0	1 0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
HEP	2114B	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1	
HEP	2115A	1 0	1 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
HEP	2116B	1 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
HEP	9100A	0 0	2 0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
HEP	9100B	0 0	1 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
HON	115	2 0	0 0	>528	0	RES	0	1	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	0	1	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	1	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	1				C/I	2	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1	
HON	1200	1 0	0 0	>528	1	RES	1	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK 2 0
				>352	0	ADM	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	1	0	0	1	0	0	0	0	0	0	> 6	1	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2	

GROUP C (500-2499) — SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTH	NUMBER PURCHASED MFG	NUMBER PURCHASED OTH	USAGE/MO AVG HRS	USAGE/MO NO.	PERCENT USAGE BY TYPE TYPE	PERCENT USAGE BY TYPE N/C	PERCENT USAGE BY TYPE 10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CONN CAPA-BILITY
HON	1642	0	0	1	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
HON	200	4	1	1	0	>528	0	RES	4	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	2
						>352	0	ADM	2	0	1	0	1	0	0	1	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	2	0	0	1	0	1	0	0	1	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	5				> 0	3	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			
HON	815	1	0	0	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	1	>301	0	DSK	1	1
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	SYS3	0	0	0	0	>528	0	RES	10	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	5	0	0	0	0	0	0	0	0	0	2	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	11	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	11	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	10						C/I	10	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	7			
IBM	1130	131	0	61	2	>528	5	RES	100	52	11	6	3	1	0	0	0	0	2	>12	0	>301	0	DSK	107	19
						>352	3	ADM	30	17	19	19	20	23	18	8	10	10	3	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	36	INS	19	10	15	14	20	20	17	19	13	13	7	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	147				> 0	113	P S	163	12	0	0	0	0	0	0	0	0	0	> 3	0	> 51	2			
	AFTER 30JUN70	26						C/I	167	6	2	0	0	0	0	0	0	0	0	> 0	4	> 0	168			
IBM	1140	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	1360	1	0	0	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	1401	23	0	6	0	>528	0	RES	26	4	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	27	0
						>352	0	ADM	5	4	3	3	3	0	3	0	2	2	6	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	7	INS	12	2	1	2	2	1	3	4	1	1	2	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	31				> 0	20	P S	29	0	0	1	0	0	1	0	0	0	0	> 3	2	> 51	1			
	AFTER 30JUN70	0						C/I	29	2	0	0	0	0	0	0	0	0	0	> 0	8	> 0	29			
IBM	1440	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
IBM	1460	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	0	0	1	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
IBM	1620	19	0	38	9	>528	0	RES	33	13	5	1	1	2	0	1	0	0	0	>12	0	>301	0	DSK	26	1
						>352	1	ADM	21	5	6	6	3	7	2	2	2	2	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	11	INS	3	3	2	4	0	10	4	5	9	2	14	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	54				> 0	41	P S	56	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	2			
	AFTER 30JUN70	2						C/I	54	1	1	0	0	0	0	0	0	0	0	> 0	0	> 0	50			
IBM	1800	4	0	4	0	>528	0	RES	2	2	0	0	0	0	0	0	1	0	1	>12	0	>301	0	DSK	6	4
						>352	2	ADM	2	0	0	0	3	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	2	0	1	0	0	2	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	8				> 0	2	P S	6	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	4			
	AFTER 30JUN70	0						C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	2			
IBM	360/20	33	1	4	0	>528	1	RES	30	4	1	1	0	1	0	0	0	0	0	>12	0	>301	0	DSK	15	7
						>352	0	ADM	3	4	4	1	2	3	3	2	3	2	10	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	5	INS	12	2	5	1	2	3	3	1	4	2	2	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	30				> 0	28	P S	36	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	7						C/I	37	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	35			
IBM	360/25	17	0	0	0	>528	0	RES	15	3	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	18	0
						>352	0	ADM	3	1	4	0	0	2	0	1	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	5	INS	2	1	1	0	2	3	3	3	1	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	15				> 0	11	P S	14	3	1	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	3						C/I	17	0	1	0	0	0	0	0	0	0	0	> 0	4	> 0	18			
IBM	360/30	13	0	9	2	>528	0	RES	13	4	0	1	1	0	0	0	0	0	0	>12	0	>301	0	DSK	19	4
						>352	2	ADM	1	3	3	3	4	3	1	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	8	INS	3	1	2	1	1	3	0	3	4	1	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	15				> 0	8	P S	15	1	0	1	2	0	0	0	0	0	0	> 3	4	> 51	11			
	AFTER 30JUN70	4						C/I	18	1	0	0	0	0	0	0	0	0	0	> 0	12	> 0	8			
IBM	360/40	7	0	7	0	>528	2	RES	8	2	2	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	13	7
						>352	4	ADM	2	0	0	3	1	1	1	0	2	1	2	> 9	0	>251	4	DRM	0	
	INSTALLED:					>176	5	INS	4	2	0	0	1	1	1	2	0	0	2	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	10				> 0	2	P S	13	0	0	0	0	0	0	0	0	0	0	> 3	6	> 51	8			
	AFTER 30JUN70	3						C/I	12	1	0	0	0	0	0	0	0	0	0	> 0	6	> 0	0			
IBM	360/44	2	0	3	0	>528	0	RES	1	0	0	0	2	0	0	1	0	0	1	>12	0	>301	0	DSK	9	4
						>352	1	ADM	3	1	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	2	0	0	1	2	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5				> 0	1	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	5			
	AFTER 30JUN70	0						C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	0			
IBM	360/50	2	0	1	0	>528	1	RES	0	0	1	1	0	0	0	0	0	0	0	>12	0	>301	1	DSK	2	2
						>352	1	ADM	1	0	0	0	0	0	1	0	0	0	0	> 9	0	>251	1	DRM	1	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			

SUMMARY OF COMPUTERS
CONTINUED

GROUP (500-2499)

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE PERCENT H/C	10	20	30	40	50	60	70	80	VC	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS		ADDL STORAGE TYPE	NO	CONN CAPA-BILITY
IBM	360/67	0 0	1 0	>528	1	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	1	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	360/75	1 0	0 0	>528	1	RES	0	0	0	0	0	0	0	1	0	0	0	>12	0	>301	1	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IMLAC		0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
MONROBOTXI		0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
NCR	100	19 0	3 0	>528	0	RES	19	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	20	0
				>352	0	ADM	3	2	2	2	2	5	1	3	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	7	INS	2	0	2	3	2	0	1	2	0	0	2	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	15		> 0	12	P S	20	0	0	0	0	1	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	6				C/I	20	0	0	0	0	1	0	0	0	0	0	> 0	4	> 0	20			
NCR	200	4 0	1 0	>528	0	RES	4	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	5	0
				>352	0	ADM	0	0	1	2	0	0	1	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	3	INS	1	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	0		> 0	2	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	2			
	AFTER 30JUN70	1				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	3			
NCR	390	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
NCR	395	1 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
NCR	615	2 0	0 0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	0
				>352	0	ADM	1	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
RCA	110	0 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
RCA	301	4 0	0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	1
				>352	0	ADM	1	1	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	1	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
RCA	70/35	4 0	1 0	>528	0	RES	2	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	1
				>352	0	ADM	1	1	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	1	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	3			
	AFTER 30JUN70	1				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
RCA	70/45	0 0	1 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	1	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
RCA	70/46	0 0	3 0	>528	1	RES	2	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	3
				>352	1	ADM	1	1	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	3	
	INSTALLED:			>176	1	INS	0	0	1	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	1	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
STU	IC4000	1 0	0 0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	ATHENA	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	120	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	8	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	422	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			

GROUP C (500-2499) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG NON-MFG	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE PERCENT N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITS	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPABILITY
UNI	9200	6 0	3 0	>528	0	RES	5	3	0	1	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	3
	INSTALLED:			>352	0	ADM	2	1	1	0	0	1	1	0	1	1	1	> 9 0	>251 0	DRM	0	
	PRIOR 30JUN70	6		>176	2	INS	3	1	1	0	0	1	1	1	0	1	0	> 6 0	>151 0	OTH	0	
	AFTER 30JUN70	3		> 0	5	P S	9	0	0	0	0	0	0	0	0	0	0	> 3 2	> 51 0			
						C/I	9	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 9			
UNI	9300	3 0	0 0	>528	0	RES	2	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	2	1
	INSTALLED:			>352	0	ADM	0	0	0	0	0	0	0	0	1	0	2	> 9 0	>251 0	DRM	0	
	PRIOR 30JUN70	2		>176	2	INS	2	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	AFTER 30JUN70	1		> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3 2	> 51 0			
						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 3			
XDS	SIGMA5	1 0	0 0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	1
	INSTALLED:			>352	0	ADM	1	0	0	0	0	0	1	0	0	0	0	> 9 0	>251 0	DRM	1	
	PRIOR 30JUN70	1		>176	0	INS	1	0	0	1	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	AFTER 30JUN70	1		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0 1			
XDS	7670	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
	INSTALLED:			>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	PRIOR 30JUN70	1		>176	1	INS	0	0	0	0	0	0	0	1	0	0	0	> 6 0	>151 0	OTH	0	
	AFTER 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
XDS	9300	0 0	1 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12 0	>301 0	DSK	0	0
	INSTALLED:			>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	PRIOR 30JUN70	1		>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	AFTER 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 0			

SUMMARY OF COMPUTERS

GROUP (2500-9999)

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	PERCENT USAGE BY TYPE	N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUSM CAPAB ILITY
ADA	AGT/10	1	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
BIT	480	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
BUR	B2500	5	0	1	0	>528	0	RES	3	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	5	1
						>352	1	ADM	1	0	0	1	1	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	0	1	0	0	1	2	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	1	P S	4	0	0	0	0	0	0	0	1	0	0	> 3	3	> 51	3			
	AFTER 30JUN70	2						C/I	4	1	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
BUR	B3500	4	0	0	0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	2
						>352	1	ADM	0	0	0	0	0	0	1	1	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	1	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	2			
	AFTER 30JUN70	1						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
BUR	B5500	1	0	2	0	>528	0	RES	0	0	2	0	0	1	1	0	0	0	0	>12	0	>301	0	DSK	4	4
						>352	1	ADM	0	1	3	0	0	0	0	0	0	0	0	> 9	1	>251	2	DRM	0	
	INSTALLED:					>176	1	INS	0	1	0	1	0	0	1	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4				> 0	2	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	0			
	AFTER 30JUN70	0						C/I	3	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
BUR	B6500	1	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	1	DSK	1	1
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	LGP30	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	1604	0	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	1700	1	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
CDC	3150	3	0	0	0	>528	0	RES	0	3	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	3
						>352	1	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	3			
	AFTER 30JUN70	0						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	0			
CDC	3200	2	1	1	0	>528	0	RES	0	1	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	1
						>352	0	ADM	0	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	1	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	2			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
CDC	3300	2	0	1	0	>528	0	RES	0	0	0	0	0	2	1	0	0	0	0	>12	0	>301	1	DSK	3	2
						>352	0	ADM	1	0	0	1	0	0	1	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	1	INS	1	0	1	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	1			
	AFTER 30JUN70	0						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
CDC	3600	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	1	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	3770	1	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	6400	1	0	1	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	1
						>352	0	ADM	0	0	0	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	8090	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DAG	NOVA	0	0	2	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
DEC	LINC8	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (2500-9999) SUMMARY OF COMPUTERS CONTINUED

MFR MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED N-CO	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	NO.	CORE CAP THOUSAND OF CHARS	NO.	ADDL STORAGE TYPE	NO	COMM CAPABILITY
DEC PDP1	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	1	>12	0	>301	0	DSK	1	1
					>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
INSTALLED:					>176	0	INS	1	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
PRIOR 30JUN70 2					> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
AFTER 30JUN70 0							C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
DEC PDP10	0	0	8	1	>528	1	RES	1	1	0	0	3	0	0	1	2	1	1	>12	0	>301	5	DSK	9	8
					>352	4	ADM	9	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	3	DRM	0	
INSTALLED:					>176	2	INS	2	1	2	1	1	0	2	0	0	1	0	> 6	2	>151	2	OTH	2	
PRIOR 30JUN70 9					> 0	2	P S	8	2	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
AFTER 30JUN70 1							C/I	9	0	1	0	0	0	0	0	0	0	0	> 0	5	> 0	0			
DEC PDP11	1	0	2	1	>528	0	RES	1	0	0	0	0	1	0	0	0	0	1	>12	0	>301	0	DSK	1	0
					>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	1	INS	2	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
PRIOR 30JUN70 2					> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 1							C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	3			
DEC PDP12	1	0	1	0	>528	0	RES	0	1	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	1	1
					>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
PRIOR 30JUN70 2					> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 0							C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
DEC PDP12A	0	0	3	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	2	>12	0	>301	0	DSK	0	0
					>352	0	ADM	2	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	0	INS	2	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
PRIOR 30JUN70 1					> 0	3	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 2							C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	3			
DEC PDP15	0	0	4	0	>528	0	RES	0	0	0	0	0	1	0	1	0	0	2	>12	0	>301	0	DSK	1	0
					>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	1	INS	2	0	0	1	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	1	
PRIOR 30JUN70 1					> 0	4	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
AFTER 30JUN70 3							C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	4			
DEC PDP6	0	0	3	0	>528	1	RES	0	0	0	0	0	0	0	1	0	1	1	>12	0	>301	1	DSK	1	1
					>352	1	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
INSTALLED:					>178	0	INS	1	1	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
PRIOR 30JUN70 3					> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
AFTER 30JUN70 0							C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
DEC PDP7	0	0	2	1	>528	0	RES	0	0	0	0	0	0	0	0	0	1	1	>12	0	>301	0	DSK	0	0
					>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	1	INS	1	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
PRIOR 30JUN70 2					> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 0							C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
DEC PDP8	0	0	12	2	>528	1	RES	3	0	1	1	1	0	0	0	1	1	8	>12	0	>301	0	DSK	1	4
					>352	3	ADM	16	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	5	INS	10	1	1	0	1	0	1	1	1	0	1	> 6	0	>151	0	OTH	0	
PRIOR 30JUN70 16					> 0	5	P S	16	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 0							C/I	16	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	14			
DEC PDP8/F	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
PRIOR 30JUN70 1					> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 0							C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEC PDP8E	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
PRIOR 30JUN70 0					> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 1							C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEC PDP8I	0	0	13	2	>528	0	RES	5	3	0	1	1	2	1	0	0	1	1	>12	0	>301	0	DSK	8	9
					>352	1	ADM	15	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	4	INS	6	1	0	0	1	1	2	0	0	3	1	> 6	0	>151	0	OTH	1	
PRIOR 30JUN70 11					> 0	7	P S	13	1	0	0	0	1	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 4							C/I	15	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	14			
DEC PDP8L	0	0	5	1	>528	0	RES	2	0	0	0	0	0	0	1	2	0	1	>12	0	>301	0	DSK	0	0
					>352	0	ADM	5	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	1	INS	3	1	1	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
PRIOR 30JUN70 6					> 0	3	P S	6	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 0							C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			
DEC PDP8S	0	0	5	0	>528	0	RES	2	0	0	0	0	0	0	2	0	0	1	>12	0	>301	0	DSK	0	0
					>352	0	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	1	INS	1	0	0	2	0	0	0	0	0	0	2	> 6	0	>151	0	OTH	1	
PRIOR 30JUN70 5					> 0	4	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 0							C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	5			
DEC PDP9	0	0	4	0	>528	1	RES	0	0	0	0	0	0	0	0	0	2	2	>12	0	>301	0	DSK	0	2
					>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	1	INS	2	2	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
PRIOR 30JUN70 4					> 0	2	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
AFTER 30JUN70 0							C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	3			
UTL 3080	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	1	
PRIOR 30JUN70 1					> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 0							C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
USC META4	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	1	0
					>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
PRIOR 30JUN70 1					> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	-0			
AFTER 30JUN70 0							C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
EAI TR48	0	0	1	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
INSTALLED:					>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
PRIOR 30JUN70 1					> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
AFTER 30JUN70 0							C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> [illegible]	0			

SUMMARY OF COMPUTERS

GROUP (2500-9999) CONTAINED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	COMM CAPA-BILTY
EAI	640	0	0	0	1	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
EAI	680	0		2	1	>528	0	RES	0	1	0	0	0	0	0	2	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	2	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
EAI	690	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
FRI	5610	0	0	1	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	0	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	GNET30	0	0	2	0	>528	2	RES	0	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	2
						>352	0	ADM	0	0	2	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	2	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
GEC	GPAC30	0	0	0	1	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
GEC	225	0	0	3	0	>528	2	RES	0	3	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	1	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	1	0	0	0	0	0	0	2	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
GEC	255	0	0	1	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	1	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	0	0	0	0	1	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	312	0	0	0	1	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GEC	415	0	0	1	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	1	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GEC	635	1	0	2	1	>528	1	RES	0	1	0	1	0	0	0	0	0	0	0	>12	0	>301	2	DSK	2	1
						>352	1	ADM	0	1	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	1	0	1	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GRI	909	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HEP	2000A	1	0	0	0	>528	1	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HEP	2007A	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2115A	0	0	2	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	2
						>352	0	ADM	1	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2110	0	0	1	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HEP	2116A	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	9	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	3	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2116B	0	0	2	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	1	1
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			

SUMMARY OF COMPUTERS
CONTINUED

GROUP (2500-9999)

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	AVG USAGE/MO HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITES	CORE THOUSAND OF CHARS	CAP	ADDL STORAGE TYPE	NO	CONN CAPA-BILTY
HEP	9100A	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	9100B	0 0	2 0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	2	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HEP	9101A	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	DDP116	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	H316	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HON	110	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	1	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	115	1 0	0 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	120	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	1200	2 0	0 0	>528	0	RES	1	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	0
				>352	0	ADM	0	0	0	0	0	1	0	0	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	0	1	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	1			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	1250	3 0	1 0	>528	0	RES	2	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	0
				>352	0	ADM	0	0	0	0	1	0	1	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	3	INS	1	0	0	0	1	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	1			
	AFTER 30JUN70	1				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HON	200	5 0	0 0	>528	0	RES	4	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	2	1
				>352	1	ADM	0	1	0	0	0	1	0	2	1	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	2	0	2	0	0	1	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	6		> 0	3	P S	5	0	1	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	0				C/I	5	0	0	1	0	0	0	0	0	0	0	> 0	2	> 0	6			
HON	316	1 0	3 1	>528	0	RES	1	2	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	3	INS	1	0	0	0	0	1	0	0	0	2	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	4			
HON	35	0 0	1 0	>528	1	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	645	1 0	0 0	>528	1	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	1	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	1	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	1130	78 0	18 1	>528	0	RES	43	42	11	6	3	5	0	2	0	1	4	>12	0	>301	0	DSK	87	17
				>352	4	ADM	40	8	8	6	6	9	8	5	3	2	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	35	INS	6	6	2	11	12	11	6	9	11	11	10	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	86		> 0	53	P S	92	2	1	0	0	0	0	0	0	0	0	> 3	0	> 51	5			
	AFTER 30JUN70	7				C/I	92	3	0	0	0	0	0	0	0	0	0	> 0	3	> 0	90			
IBM	1401	83 1	6 1	>528	1	RES	54	10	1	0	1	1	0	0	0	0	2	>12	0	>301	0	DSK	55	1
				>352	4	ADM	6	2	2	3	7	4	4	1	14	9	17	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	29	INS	24	8	12	4	3	7	2	2	1	2	4	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	64		> 0	34	P S	66	2	1	0	0	0	0	0	0	0	0	> 3	18	> 51	1			
	AFTER 30JUN70	0				C/I	87	1	1	0	0	0	0	0	0	0	0	> 0	27	> 0	66			
IBM	1440	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	1	ADM	0	0	0	0	0	0	0	0	0	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	1500	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			

SUMMARY OF COMPUTERS
GROUP (2500-9999) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED NCD	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	USAGE/MO NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CUMM CAPABILITY
IBM	1620	19	0	40	6	>528	1	RES	30	12	10	0	0	2	2	0	1	2	1	>12	0	>301	0	DSK	22	0
						>352	2	ADM	33	9	7	2	1	3	3	4	1	0	3	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	13	INS	7	3	4	3	4	6	0	7	7	7	12	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5a				> 0	41	P S	57	3	0	0	0	0	0	0	0	0	0	> 3	3	> 51	8			
	AFTER 30JUN70	2						C/I	58	2	0	0	0	0	0	0	0	0	0	> 0	4	> 0	51			
IBM	1710	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	0	0	0	0	0	0	0	0	0	0	1	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	0	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	1800	9	0	7	0	>528	6	RES	1	2	0	0	1	0	0	1	1	1	6	>12	0	>301	0	DSK	12	3
						>352	2	ADM	10	1	1	0	0	0	0	1	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	8	1	3	1	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	12				> 0	1	P S	11	1	1	0	0	0	0	0	0	0	0	> 3	0	> 51	9			
	AFTER 30JUN70	1						C/I	12	0	0	0	0	0	0	1	0	0	0	> 0	12	> 0	4			
IBM	360/20	35	0	2	0	>528	0	RES	23	5	1	1	1	2	1	0	1	0	2	>12	0	>301	0	DSK	7	13
						>352	2	ADM	10	2	1	1	0	2	2	0	1	5	13	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	12	INS	19	4	1	1	0	3	1	2	0	1	1	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	36				> 0	23	P S	37	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	1			
	AFTER 30JUN70	1						C/I	37	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	35			
IBM	360/25	19	0	0	0	>528	0	RES	16	3	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	18	3
						>352	0	ADM	1	0	2	4	2	2	2	1	2	1	2	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	9	INS	2	2	1	1	2	3	3	3	2	0	1	>6	0	>151	0	OTH	1	
	PRIOR 30JUN70	12				> 0	9	P S	18	0	1	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	7						C/I	19	0	0	0	0	0	0	0	0	0	0	> 0	10	> 0	19			
IBM	360/30	34	0	12	0	>528	4	RES	21	12	4	3	0	0	0	0	0	1	0	>12	0	>301	1	DSK	41	6
						>352	6	ADM	2	0	3	7	6	7	3	1	4	2	6	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	24	INS	7	4	5	2	9	5	4	2	2	0	1	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	34				> 0	0	P S	36	2	0	1	0	0	0	0	0	0	0	> 3	9	> 51	24			
	AFTER 30JUN70	9						C/I	40	1	0	0	0	0	0	0	0	0	0	> 0	27	> 0	16			
IBM	360/40	44	0	17	0	>528	8	RES	26	12	5	5	2	1	0	1	1	0	0	>12	0	>301	0	DSK	50	10
						>352	18	ADM	8	0	4	6	10	4	9	0	1	2	5	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	19	INS	11	6	4	4	13	8	3	5	0	1	0	>6	0	>151	0	OTH	2	
	PRIOR 30JUN70	44				> 0	7	P S	44	6	2	1	0	0	0	0	0	0	0	> 3	17	> 51	36			
	AFTER 30JUN70	9						C/I	48	4	0	0	0	1	0	0	0	0	0	> 0	26	> 0	8			
IBM	360/44	7	0	4	0	>528	0	RES	0	3	1	1	0	0	2	1	0	1	0	>12	0	>301	0	DSK	9	0
						>352	1	ADM	2	2	2	1	1	1	0	0	1	0	0	>9	0	>251	5	DRM	0	
	INSTALLED:					>176	6	INS	1	2	2	0	1	1	0	1	0	1	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	9				> 0	0	P S	7	1	0	1	0	0	0	0	0	0	0	> 3	4	> 51	4			
	AFTER 30JUN70	0						C/I	7	2	0	0	0	0	0	0	0	0	0	> 0	5	> 0	0			
IBM	360/50	17	0	5	0	>528	3	RES	5	4	0	3	4	0	2	0	0	0	0	>12	0	>301	10	DSK	18	14
						>352	7	ADM	2	3	5	2	1	2	1	1	0	0	1	>9	0	>251	4	DRM	1	
	INSTALLED:					>176	7	INS	3	1	4	2	4	2	1	0	1	0	0	>6	0	>151	0	OTH	1	
	PRIOR 30JUN70	15				> 0	1	P S	13	3	1	1	1	0	0	0	0	0	0	> 3	8	> 51	3			
	AFTER 30JUN70	3						C/I	15	2	0	1	0	0	0	0	0	0	0	> 0	10	> 0	0			
IBM	360/65	3	0	2	0	>528	2	RES	2	0	0	0	0	1	0	0	0	0	1	>12	1	>301	3	DSK	4	3
						>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	>9	0	>251	1	DRM	2	
	INSTALLED:					>176	1	INS	3	0	0	1	0	0	0	0	0	0	0	>6	0	>151	0	OTH	1	
	PRIOR 30JUN70	3				> 0	1	P S	3	1	0	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	1						C/I	3	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	360/67	4	0	1	0	>528	3	RES	1	1	0	0	0	0	0	2	0	0	0	>12	0	>301	4	DSK	4	4
						>352	1	ADM	2	0	2	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	3	
	INSTALLED:					>176	0	INS	1	1	1	0	0	0	1	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	0	P S	3	1	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	1						C/I	3	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
IBM	360/91	1	0	1	0	>528	1	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	1	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	1	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	7040	4	0	0	0	>526	0	RES	0	0	0	0	1	0	0	0	0	0	1	>12	0	>301	0	DSK	2	0
						>352	0	ADM	1	0	1	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	1	0	0	1	0	0	0	0	0	0	0	>6	1	>151	1	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	7044	0	0	1	0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	1	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	1	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	0	0	0	1	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	7072	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	>6	1	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	7094	1	1	3	0	>528	1	RES	2	0	0	0	1	0	0	1	0	0	0	>12	0	>301	2	DSK	1	1
						>352	1	ADM	3	0	1	0	0	0	0	0	0	0	0	>9	1	>251	0	DRM	1	
	INSTALLED:					>176	1	INS	1	0	0	2	0	0	0	0	0	0	1	>6	2	>151	0	OTH	0	
	PRIOR 30JUN70	4				> 0	1	P S	3	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
INT	3	1	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
INT	4	0	0	1	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	1	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			

SUMMARY OF COMPUTERS
GROUP 6 2500-9999) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	PERCENT USAGE BY TYPE PERCENT TYPE	N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILITY
NIT	TX-0	0 0	1 0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12 0	>301 0	DSK	1	1
				>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 1	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
NCR	100	10 0	0 0	>528	1	RES	10	2	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	12	2
				>352	1	ADM	2	1	1	0	0	0	0	0	0	0	1	> 9 1	>251 0	DRM	0	
	INSTALLED:			>176	2	INS	4	1	1	1	2	1	0	0	1	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	11		> 0	7	P S	10	2	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1				C/I	12	0	0	0	0	0	0	0	0	0	0	> 0 4	> 0 11			
NCR	200	5 0	1 0	>528	0	RES	4	2	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	6	1
				>352	0	ADM	0	1	1	0	0	1	1	1	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	6	INS	0	2	0	0	2	0	0	0	1	1	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	3		> 0	0	P S	6	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	3				C/I	4	2	0	0	0	0	0	0	0	0	0	> 0 1	> 0 5			
NCR	500	0 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
NCR	615	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
NDI	50-50	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
OLIVETTI		0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
PMI	2000	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9 1	>251 1	DRM	1	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
RAY	PB440	0 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
RAY	TRICE	0 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
RAY	703	0 0	0 0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
RCA	301	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	1
				>352	0	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1				
RCA	70/35	7 0	2 0	>528	0	RES	6	3	0	0	0	0	0	2	0	0	0	>12 0	>301 0	DSK	9	0
				>352	1	ADM	0	1	0	1	1	1	1	2	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	6	INS	0	1	5	0	1	1	0	0	1	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	8		> 0	2	P S	6	1	1	0	0	1	0	0	0	0	0	> 3 0	> 51 9			
	AFTER 30JUN70	1				C/I	9	0	0	0	0	0	0	0	0	0	0	> 0 2	> 0 0			
RCA	70/45	3 0	0 0	>528	0	RES	2	2	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	4	2
				>352	2	ADM	0	0	0	1	0	1	0	0	1	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	1	0	1	0	1	0	0	0	0	> 6 0	>151 1	OTH	0	
	PRIOR 30JUN70	3		> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3 3	> 51 3			
	AFTER 30JUN70	1				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 0			
RCA	70/46	1 0	2 0	>528	0	RES	1	0	0	0	0	0	0	0	1	0	0	>12 0	>301 0	DSK	2	2
				>352	0	ADM	1	0	0	0	1	0	0	0	0	0	0	> 9 0	>251 2	DRM	2	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 2	> 51 0			
	AFTER 30JUN70	0				C/I	1	1	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
RCA	70/55	1 0	1 0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12 0	>301 0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 1	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	0	1	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
RPC	4000	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 1	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
SCC	4700	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	1
				>352	1	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			

GROUP C (2500-9999) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG H=CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE PERCENT N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILITY
TRW	330	0 0	0 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0			
UNI	ATHENA	0 0	0 1	>528	0	RES	0	1	0	0	0	1	0	0	0	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	2	
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	2			
UNI	8590	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
UNI	1004	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	1
				>352	0	ADM	0	0	0	1	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
UNI	1005	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	1			
UNI	1107	0 0	1 0	>528	1	RES	0	0	0	0	0	0	0	0	1	0	0	>12 1	>301	1	DSK	0	0
				>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0			
UNI	1108	0 0	2 0	>528	0	RES	0	1	2	0	0	0	0	0	0	0	0	>12 0	>301	3	DSK	0	2
				>352	2	ADM	1	0	2	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	3	
	INSTALLED:			>176	0	INS	0	1	0	0	1	0	1	0	0	0	0	> 6 2	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	1	P S	1	2	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	1	0	0	0	1	0	0	0	0	> 0 0	> 0	0			
UNI	1409	0 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	0	1
				>352	0	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0			
UNI	9200	4 0	1 0	>528	0	RES	3	0	0	0	0	0	0	1	0	0	0	1 >12	>301	0	DSK	0	3
				>352	0	ADM	2	0	0	0	0	0	1	0	0	0	1	0 > 9	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	2	0	0	1	0	0	0	0	0	0	> 6	>151	0	OTH	0	
	PRIOR 30JUN70	5		> 0	5	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	> 51	0			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	> 0	4			
UNI	9300	6 0	1 0	>528	0	RES	4	2	0	0	0	0	1	0	0	0	0	>12 0	>301	0	DSK	3	2
				>352	0	ADM	0	1	1	1	0	0	0	1	0	1	2	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	4	INS	2	1	2	0	0	0	1	0	1	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	6		> 0	3	P S	7	0	0	0	0	0	0	0	0	0	0	> 3 5	> 51	0			
	AFTER 30JUN70	1				C/I	7	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	7			
UNI	9400	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301	0	DSK	1	1
				>352	0	ADM	0	0	0	0	0	0	0	0	1	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	1			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	0			
WAN	700A	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0			
XDS	SIGMA2	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	1	>12 0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	1	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	2			
XDS	SIGMA3	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301	0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	1			
XDS	SIGMA5	1 0	1 0	>528	0	RES	0	1	0	1	0	0	0	0	0	0	0	>12 0	>301	0	DSK	1	1
				>352	0	ADM	1	0	0	0	0	0	0	1	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	1	0	0	> 6 0	>151	2	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	2				C/I	1	1	0	0	0	0	0	0	0	0	0	> 0 2	> 0	0			
XDS	SIGMA6	1 0	0 0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	> 0 >12	>301	0	DSK	1	1
				>352	0	ADM	0	0	0	1	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	1	
	INSTALLED:			>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6 0	>151	1	OTH	0	
	PRIOR 30JUN70	0		> 0	1	P S	0	0	0	1	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0	0			
XDS	SIGMA7	4 0	6 0	>528	0	RES	1	1	0	2	0	0	1	0	0	1	1	>12 0	>301	2	DSK	6	4
				>352	2	ADM	2	1	3	0	0	1	0	0	0	0	0	> 9 0	>251	2	DRM	3	
	INSTALLED:			>176	3	INS	1	1	1	3	0	0	0	1	0	0	0	> 6 0	>151	1	OTH	0	
	PRIOR 30JUN70	7		> 0	1	P S	5	2	0	0	0	0	0	0	0	0	0	> 3 1	> 51	0			
	AFTER 30JUN70	0				C/I	4	1	1	0	0	0	1	0	0	0	0	> 0 6	> 0	2			
XDS	910	0 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12 0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0	1			

SUMMARY OF COMPUTERS

GROUP (2500-9999) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED MFG	NUMBER PURCHASED MFG	NUMBER PURCHASED LTHR	USAGE/MC AVG HRS	USAGE/MC NO.	USAGE BY TYPE PERCENT TYPE	N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CONN CAPA-BILITY
XDS	92	0	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JCJUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JCJUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
XDS	925	1	1	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR JCJUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER JCJUN70	0				C/I	0	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			

SUMMARY OF COMPUTERS

GROUP C 10000-19999)

MFG	MODEL NO.	NUMBER LEASED MFG H'CO	NUMBER LEASED MFG OTHR	NUMBER PURCHASED MFG H'CO	NUMBER PURCHASED MFG OTHR	AVG USAGE/MO HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPABILTY
ADG	4GT/10	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
BUR	B2500	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
BUR	B3500	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
BUR	B5500	4	0	1	0	>528	0	RES	1	0	1	0	0	1	0	0	1	0	0	>12	0	>301	0	DSK	4	4
						>352	1	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	4	DRM	0	
	INSTALLED:					>176	1	INS	1	0	1	0	0	1	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0		1	P S	4	0	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	1					C/I	4	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
BUR	B6500	0	0	1	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	1	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	L6P30	0	0	0	1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	160A	0	0	1	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	0	0	0	0	0	0	1	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
CDC	1604	0	0	0	1	>528	0	RES	0	0	0	0	0	0	0	0	1	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
CDC	3100	1	0	1	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	1	>12	0	>301	0	DSK	1	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	1	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0		0	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0					C/I	1	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
CDC	3150	3	0	0	0	>528	0	RES	2	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	3
						>352	0	ADM	0	0	2	0	0	0	0	0	1	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	1	0	0	0	0	1	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0		1	P S	3	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	2			
	AFTER 30JUN70	1					C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	1			
CDC	3300	3	0	1	0	>528	3	RES	1	2	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	4	3
						>352	0	ADM	1	0	1	1	1	0	0	0	0	0	0	> 9	0	>251	2	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	1	0	1	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0		0	P S	3	0	0	0	0	0	0	0	0	0	1	0	> 3	2	> 51	2			
	AFTER 30JUN70	1					C/I	3	1	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
CDC	3400	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	3600	1	0	1	0	>528	1	RES	0	0	0	0	1	0	0	1	0	0	0	>12	0	>301	1	DSK	2	2
						>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	2	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0		0	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
CDC	[illegible]00	4	0	2	0	>528	3	RES	0	0	0	0	0	1	1	0	0	1	0	>12	0	>301	2	DSK	3	3
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	1	1	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	3		> 0		0	P S	3	0	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	1			
	AFTER 30JUN70	0					C/I	1	1	0	0	1	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	8090	1	0	1	1	>528	0	RES	0	1	0	0	0	1	0	0	0	0	1	>12	0	>301	0	DSK	0	1
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	2	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0		1	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	3			
DAI	70	1	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	1	ADM	0	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEC	LINC8	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	0	1	0	1	>12	0	>301	0	DSK	1	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0		1	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
DEC	PDP1	0	0	1	0	>528	1	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0		0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			

SUMMARY OF COMPUTERS
GROUP C (10000-19999) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CO	NUMBER PURCHASED MFG OTH	AVG USAGE/WK HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CONN CAPA-BILITY
DEC	DP10	1 0	7 0	>528	3	RES	0	1	0	2	0	0	0	0	1	2	1	>12	0	>301	4	DSK	6	6
				>352	1	ADM	0	0	0	0	1	0	0	0	0	0	0	>9	0	>251	2	DRM	1	
	INSTALLED:			>176	2	INS	1	2	1	1	0	0	0	1	0	1	0	>6	1	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	1	P S	7	0	0	0	0	0	0	0	0	0	0	>3	2	> 51	0			
	AFTER 30JUN70	4				C/I	7	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	1			
DEC	PDP11	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0		0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEC	PDP12	0 0	5 0	>528	0	RES	1	0	0	1	0	0	0	0	1	1	1	>12	0	>301	0	DSK	1	0
				>352	0	ADM	5	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	2	2	1	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	2	
	PRIOR 30JUN70	5		> 0	4	P S	4	0	0	0	0	0	1	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70	0				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	5			
DEC	PDP13	0 0	0 1	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	1	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	1	> 51	1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DEC	PDP15	0 0	2 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	1	>12	0	>301	0	DSK	0	0
				>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	1	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70	1				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
DEC	PDP5	0 0	2 1	>528	0	RES	1	2	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	2	1	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
DEC	PDP8	0 0	2 0	>528	1	RES	1	0	0	0	0	0	0	0	0	1	0	>12	0	>301	1	DSK	1	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	1	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	>3	1	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DEC	PDP7	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEC	PDP9	0 0	7 1	>528	3	RES	1	0	0	2	0	0	0	0	0	1	3	>12	0	>301	0	DSK	0	3
				>352	0	ADM	6	0	0	1	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	2	INS	4	1	0	1	0	0	0	1	0	0	0	>6	0	>151	0	OTH	2	
	PRIOR 30JUN70	7		> 0	1	P S	6	0	0	0	0	0	0	0	0	0	1	>3	0	> 51	0			
	AFTER 30JUN70	0				C/I	6	1	0	0	0	0	0	0	0	0	0	> 0	5	> 0	7			
DEC	PDP8I	0 0	8 1	>528	3	RES	0	1	0	2	0	2	1	0	0	0	4	>12	0	>301	0	DSK	5	4
				>352	1	ADM	10	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	4	INS	4	0	0	0	1	2	0	2	0	1	0	>6	0	>151	0	OTH	1	
	PRIOR 30JUN70	9		> 0	2	P S	10	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70	1				C/I	10	0	0	0	0	0	.	0	0	0	0	> 0	4	> 0	10			
DEC	PDP8L	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	0	0	0	1	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
DEC	PDP9	0 0	3 0	>528	0	RES	1	0	0	0	0	1	0	0	2	1	0	>12	0	>301	0	DSK	1	1
				>352	1	ADM	5	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	1	2	0	0	1	0	0	0	0	1	>6	0	>151	0	OTH	1	
	PRIOR 30JUN70	4		> 0	2	P S	5	0	0	0	0	0	0	0	0	0	0	>3	1	> 51	0			
	AFTER 30JUN70	1				C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	4			
DEC	680	0 0	2 0	>528	0	RES	0	0	0	0	1	1	0	0	0	0	0	>12	0	>301	0	DSK	0	2
				>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	1	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
EAI	231R	1 0	0 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
EAI	600	0 0	2 0	>528	0	RES	0	0	0	1	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	1	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
EAI	8800	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
GEC	210	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	1	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	>3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
GEC	225	0 0	1 1	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	1	0	0	0	0	0	0	0	0	0	>9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	1	0	>6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	>3	1	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			

SUMMARY OF COMPUTERS
GROUP C (10000-19999) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/O	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPABILTY
GEC	4060	0 0	1 0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK 1 1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0	
GEC	415	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	1	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
GEC	425	1 0	0 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 0 0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
HEP	2116	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 0 1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
HEP	2116A	0 0	1 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1 0
				>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1	
HEP	2116B	0 0	2 2	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	0	0	1	0	0	> 6	0	>151	0	OTH 2
	PRIOR 30JUN70	1		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	1				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2	
HON	H21	0 0	0 0	>528	0	RES	1	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK 0 1
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	0	0	0	0	1	0	0	0	0	1	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2	
HON	1200	0 0	0 0	>528	1	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1 0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
HON	200	2 0	2 0	>528	0	RES	2	1	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK 2 1
				>352	1	ADM	1	0	0	0	1	0	1	0	1	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	2	INS	1	0	0	0	1	1	1	0	0	0	0	> 6	1	>151	0	OTH 0
	PRIOR 30JUN70	4		> 0	1	P S	3	0	1	1	0	0	0	0	0	0	0	> 3	3	> 51	0	
	AFTER 30JUN70	0				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	4	
HON	400	0 0	0 1	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
HON	516	0 0	0 2	>528	0	RES	1	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 0 0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
IBM	SYS3	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 1 0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1	
IBM	1130	27 0	3 0	>528	0	RES	9	6	2	2	2	0	1	2	2	3	1	>12	0	>301	0	DSK 24 7
				>352	2	ADM	22	5	1	0	0	0	1	0	0	0	1	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	13	INS	4	3	2	1	3	2	0	2	3	4	6	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	28		> 0	15	P S	27	2	0	0	0	0	0	0	0	0	1	> 3	0	> 51	0	
	AFTER 30JUN70	2				C/I	28	1	0	0	0	0	0	0	0	0	1	> 0	1	> 0	29	
IBM	1401	20 0	3 1	>528	1	RES	13	4	2	1	1	2	0	0	0	1	0	>12	0	>301	0	DSK 12 0
				>352	2	ADM	2	1	2	0	1	0	3	0	1	2	12	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	9	INS	15	3	3	0	1	0	0	1	0	0	1	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	24		> 0	12	P S	23	1	0	0	0	0	0	0	0	0	0	> 3	10	> 51	0	
	AFTER 30JUN70	0				C/I	23	0	1	0	0	0	0	0	0	0	0	> 0	9	> 0	24	
IBM	1410	3 0	0 0	>528	0	RES	2	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 2 0
				>352	1	ADM	0	0	0	0	0	0	0	0	1	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	1	INS	2	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	3		> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	1	
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2	
IBM	1460	3 0	0 0	>528	0	RES	2	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK 3 1
				>352	1	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	2	INS	3	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	3		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0	
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	3	
IBM	1500	1 0	1 0	>528	1	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK 1 1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH 0
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1	
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0	
IBM	1620	2 0	23 0	>526	1	RES	10	5	3	3	1	0	1	1	0	0	0	>12	0	>301	0	DSK 15 0
				>352	1	ADM	22	0	1	0	0	0	0	0	0	1	0	> 9	0	>251	0	DRM 0
	INSTALLED:			>176	6	INS	0	1	0	2	0	0	2	4	1	6	8	> 6	0	>151	1	OTH 0
	PRIOR 30JUN70	24		> 0	16	P S	23	1	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1	
	AFTER 30JUN70	0				C/I	24	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	21	

GROUP C (10000-19999) — SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTH	NUMBER PURCHASED MFG	NUMBER PURCHASED OTH	USAGE/MO AVG HRS.	NO.	TYPE	PERCENT USAGE BY TYPE 10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAPACITY THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	COMM CAPABILITY
IBM	1710	1	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	1800	3	0	6	0	>528	1	RES	1	0	0	0	2	1	0	0	1	0	3	>12	0	>301	0	DSK	8	4
						>352	1	ADM	5	0	2	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	6	INS	4	0	1	0	2	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	6				> 0	0	P S	8	0	0	0	0	0	0	0	0	0	> 3	0	> 51	2			
	AFTER 30JUN70	0						C/I	8	0	0	0	0	0	0	0	0	0	> 0	4	> 0	5			
IBM	360	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
IBM	360/20	20	0	1	0	>528	0	RES	5	4	0	2	2	0	2	1	1	1	1	>12	0	>301	0	DSK	3	0
						>352	1	ADM	9	1	1	0	1	1	1	0	2	3	3	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	12	INS	7	5	0	1	4	1	1	1	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	18				> 0	8	P S	21	0	0	3	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	3						C/I	21	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	20			
IBM	360/25	12	0	7	0	>528	0	RES	9	2	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	11	1
						>352	2	ADM	1	1	2	0	0	1	0	0	1	1	5	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	8	INS	7	1	0	0	0	0	1	1	2	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	10				> 0	2	P S	12	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2						C/I	12	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	12			
IBM	360/30	15	0	3	0	>528	1	RES	12	2	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	14	3
						>352	4	ADM	1	0	0	.	0	0	1	1	1	1	9	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	8	INS	9	2	0	2	0	0	1	1	0	0	0	> 6	1	>151	0	OTH	1	
	PRIOR 30JUN70	15				> 0	1	P S	15	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	12			
	AFTER 30JUN70	0						C/I	14	0	0	0	0	0	0	0	0	0	1	> 0	3	> 0	3			
IBM	360/40	20	0	6	0	>528	8	RES	11	8	2	1	2	1	0	0	0	0	0	>12	0	>301	0	DSK	24	13
						>352	.	ADM	1	2	1	1	1	5	3	0	2	0	9	> 9	0	>251	13	DRM	0	
	INSTALLED:					>176	9	INS	9	3	0	4	4	2	0	0	0	1	0	> 6	2	>151	1	OTH	0	
	PRIOR 30JUN70	21				> 0	0	P S	24	0	0	0	0	1	0	0	0	0	0	> 3	13	> 51	11			
	AFTER 30JUN70	4						C/I	25	0	0	0	0	0	0	0	0	0	0	> 0	9	> 0	0			
IBM	360/44	3	0	2	0	>528	0	RES	0	1	0	0	1	0	0	0	2	0	0	>12	0	>301	0	DSK	4	1
						>352	1	ADM	3	0	0	0	0	1	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	3	INS	0	0	2	1	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	0	P S	3	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	3			
	AFTER 30JUN70	1						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
IBM	360/50	20	0	3	0	>528	4	RES	4	3	4	4	5	1	3	1	0	1	0	>12	0	>301	17	DSK	28	12
						>352	10	ADM	8	3	5	3	1	5	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	11	INS	3	1	1	7	7	4	1	1	0	1	0	> 6	0	>151	0	OTH	2	
	PRIOR 30JUN70	19				> 0	1	P S	22	2	1	0	0	0	0	0	0	0	1	> 3	18	> 51	1			
	AFTER 30JUN70	7						C/I	26	0	0	0	0	0	0	0	0	0	0	> 0	18	> 0	0			
IBM	360/65	13	0	8	0	>528	1	RES	0	0	1	1	7	4	1	2	0	1	0	>12	0	>301	16	DSK	17	15
						>352	8	ADM	6	1	3	3	4	0	0	0	0	0	0	> 9	0	>251	1	DRM	3	
	INSTALLED:					>176	9	INS	0	3	0	1	3	2	0	0	0	0	0	> 6	5	>151	0	OTH	5	
	PRIOR 30JUN70	15				> 0	1	P S	12	3	2	0	0	0	0	0	0	0	0	> 3	10	> 51	0			
	AFTER 30JUN70	2						C/I	12	5	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
IBM	360/67	2	0	4	0	>528	2	RES	0	2	0	0	1	0	0	0	1	0	0	>12	0	>301	4	DSK	4	4
						>352	1	ADM	2	1	0	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:					>176	1	INS	0	0	1	0	2	0	0	0	0	1	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	4				> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	3	> 51	0			
	AFTER 30JUN70	0						C/I	3	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	360/75	3	0	2	0	>528	1	RES	0	0	0	2	2	0	0	0	0	0	0	>12	0	>301	3	DSK	3	3
						>352	2	ADM	1	1	1	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	2	1	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4				> 0	1	P S	3	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	1			
IBM	360/91	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	1	DSK	1	1
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	7010	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	1	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
IBM	7040	2	0	3	0	>528	0	RES	0	0	0	1	0	0	1	1	0	0	1	>12	0	>301	0	DSK	1	0
						>352	2	ADM	3	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	1	0	1	1	0	0	0	1	0	0	0	> 6	3	>151	2	OTH	0	
	PRIOR 30JUN70	4				> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	7044	1	0	0	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	1	ADM	0	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6	1	>151	1	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	7072	0	0	1	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	7094	1	0	1	2	>528	0	RES	1	1	0	0	0	0	0	1	0	0	0	>12	1	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	1	0	0	0	0	0	0	> 9	1	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	2	0	0	0	0	0	0	0	0	0	> 6	0	>151	2	OTH	0	
	PRIOR 30JUN70	2				> 0	1	P S	2	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	1						C/I	1	1	0	1	0	0	0	0	0	0	0	> 0	0	> 0	0			

GROUP C (10000-19999) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTH	NUMBER PURCHASED MFG	NUMBER PURCHASED OTH	USAGE/MO AVG HRS	NO.	PERCENT USAGE BY TYPE PERCENT TYPE	N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CONN CAPABILITY
INT	19	0	0	2	0	>528	1	RES	0	2	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	2
						>352	0	ADM	0	0	0	0	0	2	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	2	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 2			
LIN	300	0	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12 0	>301 0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
MANIAC	III	0	0	0	1	>528	0	RES	0	0	0	0	0	0	0	1	0	0	0	>12 0	>301 0	DSK	1	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
MIC	800	0	0	1	0	>528	1	RES	0	0	0	1	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
NCR	315	1	0	0	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	1
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	1	0	0	0	> 6 0	>151 0	OTH	1	
	PRIOR 30JUN70	1				> 0	0	P S	0	1	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 0			
UST	NEBULA	0	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
RAY	706	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
RCA	70/45	1	0	1	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	1	0
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 0			
RCA	70/46	1	0	4	1	>528	1	RES	1	3	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	3	4
						>352	3	ADM	0	0	2	0	1	0	0	0	0	0	1	> 9 0	>251 4	DRM	4	
	INSTALLED:					>176	0	INS	1	0	0	0	1	0	0	2	0	0	0	> 6 1	>151 0	OTH	0	
	PRIOR 30JUN70	3				> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3 3	> 51 0			
	AFTER 30JUN70	1						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
SCC	650	0	0	1	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	0	0	1	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
SEL	810	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 1			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
TEM	TEMPO1	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12 0	>301 0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 5. 0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
UNI	ATHENA	0	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			
UNI	1004	0	0	0	0	>528	0	RES	0	0	0	0	4	0	0	0	0	0	0	>12 0	>301 0	DSK	0	0
						>352	0	ADM	0	0	0	0	4	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	4	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	4				> 0	4	P S	4	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
UNI	1100	0	0	1	0	>528	0	RES	0	1	0	0	0	0	0	0	0	0	0	>12 0	>301 1	DSK	0	1
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:					>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	1						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 0			
UNI	1108	1	0	0	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12 0	>301 1	DSK	0	1
						>352	1	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9 0	>251 0	DRM	1	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 0			
UNI	4101	0	0	1	0	>528	1	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 0	> 51 0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 1	> 0 1			
UNI	4101I	0	0	1	0	>528	1	RES	0	0	0	0	0	0	0	0	0	0	1	>12 0	>301 0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9 0	>251 0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6 0	>151 0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3 1	> 51 0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0 0	> 0 1			

SUMMARY OF COMPUTERS
GROUP (10000-19999) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG MACH	NUMBER LEASED MFG OTHR	NUMBER PURCHASED	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPA-BILTY
UNI	9200	1	0	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	1
					>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
UNI	9300	3	0	0	>528	0	RES	2	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	1
					>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:				>176	3	INS	0	0	0	0	0	1	0	0	0	0	2	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1					C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
VAR	620*1	0	0			0		>528	0	RES	1	0	0	0	0	0	0	1	0	3	>12	0	>301	0	DSK	1	5
								>352	0	ADM	5	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:							>176	0	INS	3	0	1	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	5			> 0	5	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	5			
VAR	6201	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	2	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1					C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
WAN	700	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
XDS	SIGMA2	1	0	0	0	>528	1	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
XDS	SIGMA5	2	0	2	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	2	>12	0	>301	0	DSK	2	1
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	1	
	INSTALLED:					>176	1	INS	3	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2			> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	1					C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	1			
XDS	SIGMA7	1	0	1	0	>528	0	RES	0	0	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
XDS	930	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
XDS	9300	1	0	0	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1			> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0					C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			

GROUP C (ABOVE 200000)

SUMMARY OF COMPUTERS

MFG	MODEL NO.	NUMBER LEASED MFG M-CD	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE 0	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSANDS OF CHARS	ADDL STORAGE TYPE	NO	CUMM CAPABILITY
ADG	AUA	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
ADG	AGT-30	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
MIT	480	0	0	2	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	2	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
BUR	B2500	1	0	0	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	0	0	0	0	0	0	0	0	0	0	0	1	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
BUR	B5500	4	0	1	0	>528	1	RES	0	0	0	0	0	0	0	1	0	2	0	>12	0	>301	0	DSK	3	2
						>352	0	ADM	2	1	0	0	0	0	0	0	0	0	> 9	0	>251	2	DRM	0	
	INSTALLED:					>176	0	INS	0	2	1	0	0	0	0	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	3		> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
CDC	G15	0	0	0	1	>528	0	RES	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	G20	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	1	1	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	1	0	0	0	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	2			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	LGP30	0	0	0	1	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	1	DSK	1	0
						>352	0	ADM	0	0	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	0	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	160	0	0	1	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	1	ADM	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
CDC	160A	0	0	1	1	>528	0	RES	0	0	0	0	0	0	0	0	0	1	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
CDC	1604	1	0	1	0	>528	1	RES	1	0	0	0	0	1	0	0	0	0	1	>12	0	>301	0	DSK	1	0
						>352	1	ADM	3	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	0	INS	2	0	0	0	0	1	0	0	0	0	> 6	1	>151	0	DTH	0	
	PRIOR 30JUN70	3		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
CDC	1700	0	0	3	0	>528	1	RES	1	0	0	1	0	1	0	0	0	0	0	>12	0	>301	0	DSK	3	1
						>352	1	ADM	3	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	1	0	0	0	1	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	3		> 0	0	P S	2	0	0	1	0	0	0	0	0	0	0	1	> 3	0	> 51	2			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	1			
CDC	3100	1	0	1	0	>528	0	RES	0	0	0	1	0	0	1	0	0	0	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	3200	1	0	1	0	>528	0	RES	0	0	0	0	0	1	0	0	1	0	0	>12	0	>301	0	DSK	2	1
						>352	0	ADM	0	2	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	2			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	3300	2	0	1	0	>528	1	RES	0	1	1	0	0	0	0	0	1	0	0	>12	0	>301	2	DSK	3	3
						>352	1	ADM	1	0	0	1	0	1	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	0	INS	0	1	0	1	0	0	1	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	3		> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	3400	1	0	1	0	>528	1	RES	0	0	0	0	0	0	0	0	1	1	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	1	
	INSTALLED:					>176	0	INS	0	2	0	0	0	0	0	0	0	0	> 6	1	>151	0	DTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
CDC	3600	0	0	2	0	>528	1	RES	0	0	0	0	0	0	0	0	2	0	0	>12	0	>301	1	DSK	0	0
						>352	1	ADM	2	0	0	0	0	0	0	0	0	0	> 9	1	>251	1	DRM	1	
	INSTALLED:					>176	0	INS	0	1	1	0	0	0	0	0	0	0	> 6	0	>151	0	DTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	1	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	6400	8	0	3	0	>528	3	RES	1	0	0	3	0	3	0	0	0	1	0	>12	0	>301	5	DSK	8	6
						>352	1	ADM	5	1	2	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	2	INS	1	1	0	2	0	1	2	1	0	0	> 6	2	>151	0	DTH	0	
	PRIOR 30JUN70	5		> 0	1	P S	6	2	0	0	0	0	0	0	0	0	0	0	> 3	4	> 51	3			
	AFTER 30JUN70	3				C/I	8	0	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	0			

SUMMARY OF COMPUTERS
GROUP C (ABOVE 200000) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	USAGE/MO NO.	USAGE/MO TYPE	PERCENT USAGE BY TYPE PERCENT N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CONN CAPABILITY
CDC	6500	0	0	2	0	>528	0	RES	0	0	0	0	0	1	0	0	0	1	0	>12	0	>301	2	DSK	2	2
						>352	0	ADM	1	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	1	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	1	P S	1	1	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	0						C/I	1	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	6600	1	0	3	0	>528	1	RES	0	0	0	0	0	0	1	1	1	0	0	>12	0	>301	3	DSK	3	1
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	1	INS	0	1	0	2	0	0	0	0	0	0	0	> 6	1	>151	0	OTH	1	
	PRIOR 30JUN70	2				> 0	0	P S	1	2	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	1						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
CDC	8090	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	2	0	0	0	>12	0	>301	0	DSK	0	2
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	1	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
CDC	924	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	1
						>352	1	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
DAG	4001	0	0	2	1	>528	0	RES	3	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	3	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DAG	6101	0	0	1	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DEC	LINC	0	0	4	0	>528	0	RES	0	0	0	0	0	0	0	0	2	0	2	>12	0	>301	0	DSK	0	4
						>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	4	INS	0	0	2	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4				> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	4	8	0	0	0	0	0	0	0	0	0	> 0	4	> 0	4			
DEC	LINC8	0	0	7	0	>528	0	RES	1	1	0	0	0	1	0	0	0	2	2	>12	0	>301	0	DSK	1	2
						>352	4	ADM	7	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	3	2	0	0	0	1	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	7				> 0	3	P S	7	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	6	0	0	0	0	0	0	0	0	1	0	> 0	5	> 0	7			
DEC	PDP1	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
DEC	PDP10	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	2	>12	0	>301	1	DSK	2	1
						>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	1	INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	1				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	1						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
DEC	PDP11	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	1	1	0	0	>12	0	>301	0	DSK	1	1
						>352	1	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
DEC	PDP12	0	0	7	1	>528	0	RES	0	0	0	0	0	0	0	1	1	3	2	>12	0	>301	0	DSK	1	3
						>352	0	ADM	6	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	4	INS	3	2	1	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	6				> 0	3	P S	7	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	1						C/I	7	0	0	0	0	0	0	0	0	0	0	> 0	5	> 0	7			
DEC	PDP15	0	0	5	0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	4	>12	0	>301	0	DSK	3	1
						>352	0	ADM	5	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	5	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	0				> 0	1	P S	5	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	5						C/I	5	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	5			
DEC	PDP7	0	0	4	0	>528	1	RES	0	0	0	0	0	0	0	0	1	2	1	>12	0	>301	0	DSK	0	2
						>352	1	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	2	1	1	0	0	0	0	0	0	0	0	> 6	1	>151	0	OTH	1	
	PRIOR 30JUN70	4				> 0	1	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	4			
DEC	PDP8	0	0	7	2	>528	0	RES	2	0	0	0	0	0	0	1	1	1	4	>12	0	>301	0	DSK	1	0
						>352	3	ADM	8	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	5	1	1	1	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	9				> 0	3	P S	9	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	9	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	9			
DEC	PDP8E	0	0	2	0	>528	0	RES	1	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	0	0
						>352	2	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	1	0	0	0	0	0	0	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
DEC	PDP8I	0	0	7	0	>528	0	RES	0	1	0	0	0	0	0	1	0	0	5	>12	0	>301	0	DSK	2	0
						>352	0	ADM	6	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	5	0	1	0	0	0	0	0	0	1	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	6				> 0	4	P S	7	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	7	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	7			
DEC	PDP8L	0	0	3	1	>528	0	RES	3	0	0	0	0	0	1	0	1	0	1	>12	0	>301	0	DSK	0	0
						>352	3	ADM	6	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	3	0	1	0	0	0	0	0	0	0	2	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0				> 0	1	P S	5	0	0	0	1	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	6			

GROUP C — ABOVE 200000 — SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M-CC	NUMBER PURCHASED MFG OTHR	AVG USAGE/MO HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	NO	COMM CAPABILITY
DEC	PDP8S	0 0	3 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	2	>12	0	>301	0	DSK	0	1
				>352	0	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	2	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	2	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	3			
DEC	PDP9	1 0	5 0	>528	0	RES	1	0	1	0	0	1	0	0	1	1	1	>12	0	>301	0	DSK	5	2
				>352	2	ADM	5	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	2	1	1	0	0	1	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	6		> 0	3	P S	6	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	6	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	6			
EAI	580	0 0	2 0	>528	0	RES	0	0	0	1	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	0	0	0	0	0	0	1	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
EAI	680	0 0	4 0	>528	0	RES	0	0	0	2	0	0	2	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	4	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	2	0	0	2	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4		> 0	3	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
DEC	DNET30	1 0	0 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	225	0 0	1 0	>528	0	RES	0	0	1	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	0	0	1	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
GEC	425	1 0	0 0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HEP	2115A	0 0	2 0	>528	0	RES	1	0	0	0	0	1	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	1	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	1	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	1	P S	3	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			
HEP	2116A	0 0	1 0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	1			
HEP	2116B	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	DDP116	0 0	1 0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	0	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
HON	1250	1 0	0 0	>528	1	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
HON	200	1 0	1 0	>528	0	RES	1	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	1
				>352	1	ADM	1	0	0	0	0	0	1	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	0	0	1	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
HON	516	0 0	1 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	1	0
				>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	1130	17 0	4 0	>528	1	RES	8	3	3	0	0	3	0	1	0	4	0	>12	0	>301	0	DSK	20	8
				>352	3	ADM	18	3	0	0	0	0	0	0	0	1	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	8	INS	6	5	0	2	1	1	0	0	3	2	2	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	22		> 0	6	P S	21	0	0	0	0	0	0	0	0	1	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	20	1	0	0	0	0	0	0	1	0	0	> 0	1	> 0	21			
IBM	1401	8 0	12 1	>528	1	RES	7	2	0	2	0	0	3	0	1	2	2	>12	0	>301	0	DSK	1	1
				>352	2	ADM	10	3	1	0	1	0	1	1	0	1	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	9	INS	7	3	3	2	2	0	0	0	0	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	19		> 0	2	P S	19	0	0	0	0	0	0	0	0	0	0	> 3	9	> 51	0			
	AFTER 30JUN70	0				C/I	17	1	1	0	0	0	0	0	0	0	0	> 0	6	> 0	17			
IBM	1410	1 0	1 1	>528	0	RES	0	0	0	0	1	1	0	0	0	0	0	>12	0	>301	0	DSK	1	1
				>352	1	ADM	0	0	1	0	0	1	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	1	INS	1	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	1			
	AFTER 30JUN70	1				C/I	1	1	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
IBM	1460	1 0	0 0	>528	0	RES	1	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	3	0
				>352	0	ADM	0	0	0	0	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	0	
	INSTALLED:			>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			

SUMMARY OF COMPUTERS
GROUP C ABOVE 20000) CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG	NUMBER LEASED OTHR	NUMBER PURCHASED MFG	NUMBER PURCHASED OTHR	USAGE/MO AVG HRS	USAGE/MO NO.	USAGE BY TYPE **** TYPE	PERCENT N/C	PERCENT 10	PERCENT 20	PERCENT 30	PERCENT 40	PERCENT 50	PERCENT 60	PERCENT 70	PERCENT 80	PERCENT 90	PERCENT 100	NUMBER TAPE DRIVES	CORE CAP THOUSAND OF CHARS	ADDL STORAGE TYPE	ADDL STORAGE NO	CUMM CAPABILITY
IBM	1620	2	0	6	1	>528	0	RES	3	2	1	0	0	1	0	0	0	1	0	>12	0	>301	0	DSK	3	0
						>352	0	ADM	6	1	0	1	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	2	1	0	0	0	1	1	1	0	1	1	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	8				> 0	3	P S	8	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	8	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	7			
IBM	1710	1	0	0	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	1800	3	0	6	0	>528	6	RES	1	0	1	0	0	1	0	0	0	1	4	>12	0	>301	0	DSK	7	2
						>352	0	ADM	8	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	6	1	0	0	0	0	0	1	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	8				> 0	1	P S	7	0	0	0	0	1	0	0	0	0	0	> 3	0	> 51	5			
	AFTER 30JUN70	0						C/I	8	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	2			
IBM	360/20	24	0	5	0	>528	0	RES	12	2	0	1	0	4	0	3	1	1	1	>12	0	>301	0	DSK	0	8
						>352	7	ADM	15	0	0	0	0	0	0	1	0	2	7	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	9	INS	11	1	1	3	0	4	0	0	0	1	4	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	24				> 0	3	P S	24	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	3						C/I	25	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	25			
IBM	360/30	2	0	3	0	>528	0	RES	3	1	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	4	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	3	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	2	INS	4	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	4				> 0	2	P S	3	0	0	0	0	0	0	0	0	1	0	> 3	1	> 51	4			
	AFTER 30JUN70	0						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	3	> 0	0			
IBM	360/40	9	0	4	0	>528	2	RES	6	3	2	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	11	7
						>352	4	ADM	2	1	0	1	1	1	0	0	1	0	5	> 9	0	>251	6	DRM	0	
	INSTALLED:					>176	8	INS	7	0	0	0	1	1	2	0	0	1	0	> 6	0	>151	3	OTH	0	
	PRIOR 30JUN70	11				> 0	0	P S	10	1	0	0	0	0	0	0	0	1	0	> 3	10	> 51	3			
	AFTER 30JUN70	1						C/I	12	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
IBM	360/44	0	0	3	0	>528	1	RES	0	0	0	0	0	0	1	0	0	0	2	>12	0	>301	1	DSK	3	0
						>352	1	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	2	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3				> 0	0	P S	2	1	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0						C/I	2	1	0	0	0	0	0	0	0	0	0	> 0	3	> 0	1			
IBM	360/50	20	1	8	0	>528	6	RES	13	1	1	1	4	0	1	0	0	0	0	>12	0	>301	18	DSK	20	38
						>352	7	ADM	4	2	2	0	1	1	0	0	1	2	8	> 9	0	>251	3	DRM	0	
	INSTALLED:					>176	4	INS	13	0	3	1	2	1	1	0	0	0	0	> 6	8	>151	0	OTH	1	
	PRIOR 30JUN70	18				> 0	4	P S	15	4	0	0	0	0	0	0	1	0	1	> 3	9	> 51	0			
	AFTER 30JUN70	3						C/I	21	0	0	0	0	0	0	0	0	0	0	> 0	4	> 0	0			
IBM	360/65	8	0	3	0	>528	2	RES	1	0	0	0	1	1	1	1	1	2	0	>12	0	>301	8	DSK	8	6
						>352	3	ADM	3	1	1	1	2	0	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:					>176	1	INS	3	1	2	0	0	0	0	0	0	0	0	> 6	3	>151	0	OTH	2	
	PRIOR 30JUN70	7				> 0	1	P S	7	1	0	0	0	0	0	0	0	0	0	> 3	4	> 51	6			
	AFTER 30JUN70	1						C/I	8	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	0			
IBM	360/67	2	0	2	0	>528	1	RES	0	0	0	1	0	0	1	2	0	0	0	>12	0	>301	3	DSK	3	3
						>352	2	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	1	>251	0	DRM	2	
	INSTALLED:					>176	1	INS	0	0	0	0	2	2	0	0	0	0	0	> 6	1	>151	0	OTH	2	
	PRIOR 30JUN70	3				> 0	0	P S	4	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	1						C/I	4	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	360/75	2	0	0	0	>528	0	RES	0	0	0	0	0	0	1	1	0	0	0	>12	0	>301	2	DSK	2	2
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:					>176	1	INS	0	0	0	0	2	0	0	0	0	0	0	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	360/91	1	0	2	0	>528	2	RES	0	0	0	0	0	0	0	1	0	1	0	>12	0	>301	2	DSK	2	2
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	2	
	INSTALLED:					>176	0	INS	0	1	0	1	0	0	0	0	0	0	0	> 6	1	>151	0	OTH	0	
	PRIOR 30JUN70	2				> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	7090	0	0	1	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	0	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	1	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
IBM	7094	2	0	5	1	>528	0	RES	3	0	0	1	0	0	0	0	0	1	1	>12	2	>301	0	DSK	1	0
						>352	0	ADM	5	1	0	0	0	0	0	0	0	0	0	> 9	1	>251	0	DRM	0	
	INSTALLED:					>176	3	INS	4	1	0	0	1	0	0	0	0	0	0	> 6	2	>151	5	OTH	0	
	PRIOR 30JUN70	6				> 0	1	P S	6	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	5	0	1	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
INT	4		0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	1	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	1	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
NCR	310	1	0	0	0	>528	1	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	0	1	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
SCC	DCT132	0	0	1	0	>528	0	RES	0	0	0	0	0	1	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	1	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	0	P S	1	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0						C/I	1	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	1			
SCC	4700	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	1	>12	0	>301	0	DSK	2	0
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1				> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	1						C/I	2	0	0	0	0	0	0	0	0	0	0	> 0	1	> 0	2			

GROUP C (ABOVE 200000) SUMMARY OF COMPUTERS CONTINUED

MFG	MODEL NO.	NUMBER LEASED MFG M=CO	NUMBER PURCHASED MFG OTHR	USAGE/MO AVG HRS	NO.	TYPE	PERCENT USAGE BY TYPE N/C	10	20	30	40	50	60	70	80	90	100	NUMBER TAPE UNITS	CORE THOUSAND OF CHARS	CAP ADDL STORAGE TYPE	NO	CUMM CAPA-BILITY
SEL	810-H	0	0	1	0	>528	0	RES	0	0	0	0	1	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	0	0	0	0	1	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	1	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	1	> 0	1					
SEL	8404	0	0	1	0	>528	0	RES	0	0	0	0	0	0	1	0	0	0	0	>12	0	>301	0	DSK	1	0
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	0	0	0	1	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	1	> 0	1					
UNI	1004	1	0	0	0	>528	0	RES	2	0	0	0	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	0	0	0	0	0	0	0	2	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	1	> 0	2					
UNI	1108	2	0	3	0	>528	2	RES	1	1	1	0	1	0	0	0	0	0	0	>12	0	>301	4	DSK	1	4
						>352	1	ADM	0	1	1	1	0	0	0	0	0	0	1	> 9	0	>251	0	DRM	4	
	INSTALLED:					>176	1	INS	1	0	0	0	2	1	0	0	0	0	0	> 6	2	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	2	1	0	1	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	2				C/I	4	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	0			
UNI	9200	2	0	0	0	>528	0	RES	0	1	0	1	0	0	0	0	0	0	0	>12	0	>301	0	DSK	0	1
						>352	0	ADM	1	1	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	0	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
UNI	9300	3	0	0	0	>528	0	RES	2	0	0	0	0	0	0	1	0	0	0	>12	0	>301	0	DSK	0	1
						>352	2	ADM	1	0	0	0	0	0	0	0	0	0	2	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	2	0	0	1	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	0	P S	3	0	0	0	0	0	0	0	0	0	0	0	> 3	2	> 51	0			
	AFTER 30JUN70	1				C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	0	> 0	2			
WAN	700	0	0	2	0	>528	0	RES	0	0	0	0	0	0	2	0	0	0	0	>12	0	>301	0	DSK	0	0
						>352	0	ADM	0	0	0	2	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	0	INS	0	2	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	0		> 0	2	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	2				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
XDS	SIGMA2	1	0	2	1	>528	0	RES	0	0	0	0	0	0	0	1	0	0	1	>12	0	>301	0	DSK	2	0
						>352	0	ADM	1	0	1	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	0	
	INSTALLED:					>176	1	INS	1	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	2		> 0	1	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	0			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	2			
XDS	SIGMA5	0	0	1	0	>528	0	RES	0	0	0	0	0	0	0	0	0	1	0	>12	0	>301	0	DSK	1	1
						>352	0	ADM	1	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	0	INS	0	1	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	1		> 0	1	P S	1	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0				C/I	1	0	0	0	0	0	0	0	0	0	0	0	> 0	0					
XDS	SIGMA7	3	0	3	0	>528	1	RES	1	0	0	0	0	0	0	0	0	1	1	>12	0	>301	0	DSK	3	2
						>352	1	ADM	3	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	1	DRM	0	
	INSTALLED:					>176	0	INS	3	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	0	
	PRIOR 30JUN70	3		> 0	0	P S	2	1	0	0	0	0	0	0	0	0	0	0	> 3	1	> 51	2			
	AFTER 30JUN70	0				C/I	3	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	0			
XDS	930	0	0	2	0	>528	0	RES	0	0	0	0	0	0	0	0	0	0	2	>12	0	>301	0	DSK	1	1
						>352	0	ADM	2	0	0	0	0	0	0	0	0	0	0	> 9	0	>251	0	DRM	1	
	INSTALLED:					>176	2	INS	2	0	0	0	0	0	0	0	0	0	0	> 6	0	>151	0	OTH	1	
	PRIOR 30JUN70	2		> 0	0	P S	2	0	0	0	0	0	0	0	0	0	0	0	> 3	0	> 51	1			
	AFTER 30JUN70	0				C/I	2	0	0	0	0	0	0	0	0	0	0	0	> 0	2	> 0	1			

VIII. SUMMARIES FROM FORM 2
INSTRUCTIONAL AND RESEARCH USE BY ACADEMIC AREA FOR PERIOD July 1, 1969 - JUNE 30, 1970

The following variables and levels were used for summarizing the responses:

Type of Control	Highest Degree Offered	Fall 1968 Enrollment Class
1. Public	1. Associate	1. Less than 500
2. Private	2. Bachelor's	2. 500- 2,499
	3. Master's	3. 2,500- 9,999
	4. Doctorate	4. 10,000-19,999
		5. 20,000 and above

Summaries for the elementary (three-way) groups, the individual levels (one-way) of the control variables, and the total population are presented provided that there are enough institutions included and/or reporting in the category to preclude identification of the institutions involved (i.e. at least two institutions must have reported in a group for the summary of that group to be included.

Each group summary is identified by the levels of the three control variables. For example, group (Public, Associate, Below 500) identifies the summary for all public institutions offering at most the associate degree and having had an enrollment of less than 500 students during fall 1968. Since all summaries for FORM 2 are identical in format, only one will be discussed here as a guide. The total group is chosen for this purpose, i.e. group (, ,).

Research and Instructional use data is summarized for each academic area. Referring to group (, ,) we see that 1057 institutions reported usage in 1331 installations. Chemical Engineering students (undergraduate and graduate) in a total of 922 courses, which were taught at least once during the year 1969-70, made some use of the computer. Seventeen thousand nine hundred sixty eight (17,968) students in Chemical Engineering used computers in this group during the year in their course work. The total costs of computer services for the students in these courses were $876,000.

This cost figure is the accumulation of costs reported by 110 installations in 104 institutions.

Reported costs of computer services for research and instruction in Chemical Engineering was $3,507,000. One million seven hundred sixty two thousand ($1,762,000) was reported for all instructional uses, $379,000 for faculty sponsored research, $1,140,000 for non-sponsored faculty research, $40,000 for software development and $116,000 for other (MISC) uses.

In response to the question "Did any faculty participate in any of the NSF Regional Computing Activities or Conferences?" 81 did not respond (CODE 0), 8 indicated a "yes" (CODE 1), 64 said "no" (CODE 2), and 65 "didn't know" (CODE 3).

Under other computer use (OTHR COMP USE), we see that 174 installations supplying services to chemical engineering reported that other on-campus installations were not utilized (CODE 0), another 18 installations reported other usage of facilities inside of chemical engineering. Fifteen (15) installations reported that their users used other computer installations on-campus but outside chemical engineering and 11 reported that their users in chemical engineering used other computers on campus both within and outside chemical engineering. Under MODE of other usage we see that seven of the other installations were on-line (CODE 1), 22 were batch processing units only (CODE 2) and 28 were some of each (CODE 3).

Ten (10) installations reported that their chemical engineering users also used off-campus installations operated by other educational institutions (CODE 2) and four (4) some of each (CODE 3). Of the off-campus usage eight (8) reported on-line usage, 16 reported batch processing as the MODE of use and five (5) reported some of each.

Eight (8) of the departments in chemical engineering accept a proficiency in a computer language (FORTRAN, COBOL, etc.) as a research tool in lieu of a foreign language (German, French, etc.) for doctorate requirements.

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP ( )

TOTAL NUMBER OF INSTITUTIONS = 2803 — TOTAL NO. OF INSTAL REPORTING FORM2 = 1331
TOTAL NUMBER OF INSTITUTIONS REPORTING = 2103 — TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 1057

USE OF OFF-CAMPUS COMPUTERS BY INSTALS: COOP. OR NON-PROFIT 833 COLLEGE OR UNIV. 2333 COMMERCIAL 170

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE ** GRAD AND UNDER ** COURSES	STDNTS	THOUS	** COST OF SVCS, RES TOTAL	ALL INSTR	AND INSTR (THOUSD)** RESEARCH FAC-SP	FAC-NS	SFT-DV	>10C	C REGL D COMP E PCT.	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING	922	17968	870	3567	1762	379	1140	60	116	0* 81	174	161	192	192	8
										1* 8	18	7	10	8	
	INSTL: 132	131	110	139	130	57	95	10	5	2* 44	15	22	12	10	
	INST: 123	119	104	128	120	55	94	10	5	3* 85	11	28	4	5	
	(NUMBER REPORTING PER CATEGORY)														
CIVIL ENGINEERING	1540	35869	1424	4359	1736	795	771	72	19	0* 107	229	214	235	235	7
										1* 8	16	5	19	20	
	INSTL: 193	190	162	185	175	81	113	20	14	2* 70	16	27	11	13	
	INST: 189	185	159	175	169	78	110	20	14	3* 81	12	29	10	10	
	(NUMBER REPORTING PER CATEGORY)														
ELECTRICAL ENGINEERING	2141	68795	3040	7123	3561	1425	1227	323	83	0* 138	237	226	283	283	9
										1* 27	52	13	83	25	
	INSTL: 267	265	217	243	233	101	138	44	25	2* 94	34	52	21	16	
	INST: 248	239	199	215	212	90	124	42	25	3* 77	23	46	10	10	
	(NUMBER REPORTING PER CATEGORY)														
OTHER ENGINEERING	3671	111187	5578	12020	6503	2969	2935	120	181	0* 156	299	281	318	314	21
										1* 23	34	9	35	33	
	INSTL: 311	307	261	289	270	113	188	34	30	2* 168	28	50	24	25	
	INST: 292	288	247	265	259	108	157	34	30	3* 95	21	42	9	12	
	(NUMBER REPORTING PER CATEGORY)														
ENVIRONMENTAL SCIENCES	439	8885	351	3184	623	1164	1193	90	96	0* 102	231	215	235	235	15
										1* 7	8	5	8	10	
	INSTL: 110	112	78	153	114	79	117	23	21	2* 71	15	25	10	11	
	INST: 108	109	78	148	112	75	114	22	21	3* 61	6	16	7	6	
	(NUMBER REPORTING PER CATEGORY)														
LIFE SCIENCES	722	18407	1010	10108	1403	5834	2272	1729	297	0* 151	335	319	342	342	79
										1* 28	32	10	39	36	
	INSTL: 230	236	147	283	207	142	184	62	37	2* 147	32	53	21	17	
	INST: 221	225	141	256	193	122	166	58	36	3* 114	21	38	18	26	
	(NUMBER REPORTING PER CATEGORY)														
COMPUTER SCIENCES	5202	253207	19785	26039	20120	2981	1554	1588	252	0* 294	625	586	559	559	43
										1* 118	44	15	92	75	
	INSTL: 668	664	586	586	573	71	141	100	49	2* 240	31	83	56	61	
	INST: 649	644	551	565	557	68	140	97	48	3* 93	25	41	18	30	
	(NUMBER REPORTING PER CATEGORY)														
MATHEMATICS AND STATISTICS	2876	113394	4967	7188	5355	424	896	186	158	0* 389	754	717	645	645	31
										1* 125	17	11	108	109	
	INSTL: 746	746	577	640	613	88	218	65	35	2* 194	42	70	63	47	
	INST: 729	729	564	624	598	87	214	65	35	3* 139	14	29	11	27	
	(NUMBER REPORTING PER CATEGORY)														
ASTRONOMY	111	1267	108	1234	315	479	401	18	25	0* 78	190	180	187	187	2
										1* 1	7	4	9	11	
	INSTL: 62	63	50	65	53	29	35	5	6	2* 69	10	11	7	10	
	INST: 60	60	49	62	50	28	34	5	6	3* 63	2	14	6	4	
	(NUMBER REPORTING PER CATEGORY)														
CHEMISTRY	1051	27281	1202	9489	3109	1903	3451	215	347	0* 184	418	398	384	384	21
										1* 39	37	16	76	69	
	INSTL: 363	360	249	386	296	117	226	41	28	2* 123	28	48	88	38	
	INST: 356	352	222	355	289	111	220	41	28	3* 117	13	40	18	24	
	(NUMBER REPORTING PER CATEGORY)														
PHYSICS	1266	29580	1406	10235	3144	4728	4324	113	295	0* 226	472	465	407	407	34
										1* 72	44	18	92	79	
	INSTL: 418	423	264	424	345	150	220	45	35	2* 150	39	72	50	58	
	INST: 408	412	257	394	333	130	209	45	35	3* 147	30	40	25	27	
	(NUMBER REPORTING PER CATEGORY)														
PSYCHOLOGY	731	24700	887	3478	1115	1748	937	88	119	0* 173	381	347	355	355	41
										1* 23	24	8	47	35	
	INSTL: 260	269	171	298	214	169	202	37	23	2* 183	29	42	19	25	
	INST: 255	263	169	282	209	102	195	37	23	3* 109	13	31	7	13	
	(NUMBER REPORTING PER CATEGORY)														
ECONOMICS	810	21620	716	3111	850	1230	830	90	30	0* 152	379	350	325	325	15
										1* 49	5	3	42	41	
	INSTL: 266	263	185	264	237	75	152	30	21	2* 119	16	22	27	23	
	INST: 260	257	181	258	232	74	148	30	21	3* 103	3	22	9	16	
	(NUMBER REPORTING PER CATEGORY)														
OTHER SOCIAL SCIENCES	1091	30172	1257	4000	1514	771	1429	78	138	0* 141	358	337	322	322	26
										1* 46	4	4	36	32	
	INSTL: 245	247	169	264	208	95	166	36	28	2* 107	17	25	81	22	
	INST: 240	241	165	257	203	93	163	36	28	3* 111	6	18	6	12	
	(NUMBER REPORTING PER CATEGORY)														
EDUCATION	622	19137	796	2751	1158	652	746	74	92	0* 133	323	300	308	308	53
										1* 11	8	4	29	22	
	INSTL: 183	185	118	221	161	75	155	32	22	2* 103	17	31	9	13	
	INST: 178	179	115	214	156	73	157	32	21	3* 106	5	10	7	15	
	(NUMBER REPORTING PER CATEGORY)														
BUSINESS AND COMMERCE	3582	191628	8548	10221	7912	923	1314	179	155	0* 284	569	548	516	516	38
										1* 40	23	10	54	62	
	INSTL: 568	583	448	488	465	74	172	53	35	2* 174	41	52	57	42	
	INST: 556	559	441	477	457	71	167	52	30	3* 126	11	34	17	27	
	(NUMBER REPORTING PER CATEGORY)														
ALL OTHER	1639	41928	2404	13733	2908	3617	2384	1935	2757	0* 139	347	331	317	317	27
										1* 25	8	5	38	42	
	INSTL: 233	247	199	294	237	108	183	66	46	2* 104	25	31	27	23	
	INST: 226	239	193	282	229	101	159	64	46	3* 110	20	33	18	21	
	(NUMBER REPORTING PER CATEGORY)														

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PUBLIC) 1

TOTAL NUMBER OF INSTITUTIONS = 1305 TOTAL NO. OF INSTAL REPORTING FORM2 = 806
TOTAL NUMBER OF INSTITUTIONS REPORTING = 982 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 621

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 433 COLLEGE OR UNIV. 1273 COMMERCIAL 65

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD COURSES	AND UNDER ** STDNTS	THOUSS	** COST OF SVCS, PES AND INSTR (THOUSS)** TOTAL	ALL INSTR	****** FAC-SP	RESEARCH FAC-NS	SFT-DV	****** MISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUM.
CHEMICAL ENGINEERING	606	14008	722	2504	1232	749	877	38	102	0= 48	104	96	123	123	7
										1= 6	14	5	8	2	
INSTL:	92	92	78	97	92	35	72	7	6	2= 43	12	17	6	13	
INST:	84	82	72	86	83	33	71	7	6	3= 48	9	23	4	5	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	1105	28970	895	2349	1140	558	553	41	16	0= 72	155	143	162	162	4
										1= 8	11	4	15	13	
INSTL:	139	139	122	136	130	57	84	13	12	2= 51	14	20	7	7	
INST:	138	135	120	128	125	56	82	13	12	3= 59	10	23	6	8	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	1492	55293	2040	4138	2418	537	1034	153	46	0= 94	160	152	195	195	7
										1= 21	34	7	19	13	
INSTL:	190	189	155	176	169	69	100	18	18	2= 59	17	35	12	14	
INST:	172	169	142	155	153	61	90	21	18	3= 57	19	37	5	12	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	2718	91417	4608	8351	5171	1037	1919	102	125	0= 105	200	186	217	217	16
										1= 15	23	5	26	19	
INSTL:	219	218	191	206	200	77	116	27	21	2= 75	22	40	13	17	
INST:	208	204	181	190	187	72	109	27	21	3= 85	15	29	4	8	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	327	6859	246	2685	449	965	1108	75	81	0= 92	148	135	193	153	11
										1= 4	6	3	6	5	
INSTL:	77	80	54	109	81	56	88	18	14	2= 43	11	19	7	8	
INST:	75	77	54	104	79	52	87	17	14	3= 41	5	13	4	4	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	552	15411	784	6996	1120	3516	1813	1339	292	0= 84	186	178	208	208	74
										1= 13	22	7	22	13	
INSTL:	135	136	93	176	124	97	132	45	26	2= 76	24	38	10	13	
INST:	129	129	89	153	114	82	121	42	25	3= 75	16	25	8	15	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	4145	210211	16915	[illegible]	17043	1114	1284	701	152	0= 105	403	379	382	382	11
										1= 70	29	9	47	41	
INSTL:	436	436	383	393	383	45	97	58	31	2= 149	21	56	33	34	
INST:	426	425	374	380	374	42	96	57	31	3= 87	18	27	9	14	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	1677	77521	3311	4979	3595	327	715	106	186	0= 105	395	377	370	370	26
										1= 80	12	4	51	46	
INSTL:	399	400	314	351	332	56	136	29	20	2= 111	31	47	24	21	
INST:	390	391	308	342	323	56	134	29	20	3= 93	11	21	4	15	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	45	900	82	928	223	389	296	17	4	0= 38	109	102	111	111	2
										1= 1	3	3	4	2	
INSTL:	33	34	18	35	29	18	23	4	3	2= 27	8	6	3	7	
INST:	31	31	16	32	26	17	22	4	3	3= 45	1	10	3	3	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	531	19138	841	6127	1867	1006	2484	170	308	0= 88	202	187	205	205	18
										1= 20	26	9	33	22	
INSTL:	167	168	126	193	151	69	145	25	21	2= 70	18	32	11	17	
INST:	160	160	120	186	145	66	140	25	21	3= 77	10	28	7	14	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	649	19366	983	8648	1760	3277	3128	62	139	0= 119	244	229	234	234	21
										1= 30	27	8	49	29	
INSTL:	214	219	140	236	183	95	147	27	25	2= 82	29	51	18	37	
INST:	205	209	133	214	172	80	136	27	25	3= 84	15	27	14	17	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	467	18021	598	2140	802	566	670	55	110	0= 84	179	169	205	205	31
										1= 5	19	5	20	13	
INSTL:	133	135	91	172	117	73	121	24	14	2= 71	23	34	4	9	
INST:	130	131	89	140	113	67	114	24	14	3= 74	13	26	5	9	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	456	13645	341	1277	427	275	540	16	19	0= 69	193	181	178	178	9
										1= 9	5	1	18	16	
INSTL:	129	131	95	140	116	50	97	13	15	2= 87	11	14	10	13	
INST:	125	127	93	135	113	49	95	13	15	3= 87	3	14	6	10	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	771	23969	831	2698	1030	386	1132	39	43	0= 77	203	190	196	196	19
										1= 8	2	3	15	11	
INSTL:	134	137	94	155	118	64	110	20	18	2= 62	10	15	6	9	
INST:	131	134	93	152	117	62	109	20	18	3= 73	5	12	3	8	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	488	15585	480	1788	686	351	623	30	79	0= 82	210	194	206	206	48
										1= 6	6	3	21	11	
INSTL:	128	130	88	161	114	59	125	19	17	2= 67	14	21	3	8	
INST:	127	128	88	159	113	59	125	19	17	3= 70	4	16	4	13	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	2646	151935	6609	7306	5865	346	833	120	108	0= 176	368	355	352	352	34
										1= 23	17	5	32	31	
INSTL:	[illegible]	376	309	333	320	59	125	31	27	2= 128	31	44	32	27	
INST:	371	369	303	325	314	57	122	30	26	3= 98	9	21	9	17	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	879	23742	1089	8482	1416	1745	1620	966	1342	0= 93	202	190	202	202	16
										1= 5	5	2	19	16	
INSTL:	150	155	123	184	149	74	115	44	40	2= 66	19	26	12	15	
INST:	144	148	118	175	144	69	111	42	40	3= 76	14	29	7	9	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PRIVATE) 3

TOTAL NUMBER OF INSTITUTIONS = 1500 TOTAL NO. OF INSTAL REPORTING FORM2 = 526
TOTAL NUMBER OF INSTITUTIONS REPORTING = 1123 TOTAL NUMBER OF INSTITUTIONS APTING FORM2 = 437

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 383 COLLEGE OR UNIV. 1049 COMMERCIAL 105

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE BK ** GRAD AND UNDGR ** COURSES STDNTS THOUSB			TOTAL	** COST OF SVCS, RES AND INSTR (THOUSB)** ALL INSTR	FAC-SP	RESEARCH FAC-NS	SFT-DV	MISC	C REGL D COMP E ACT.	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING	256	3982	154	1003	599	130	262	12	16	0= 33	88	65	69	69	1
										1= 2	4	2	2	6	
INSTL:	40	39	32	42	38	22	23	3		2= 21	3	5	4	3	
INST:	39	37	32	40	37	22	23	3	3	3= 41	2	5	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	435	6899	529	2010	575	194	218	31	3	0= 35	74	71	73	73	3
										1= 0	5	1	4	7	
INSTL:	54	51	40	49	45	24	26	7		2= 48	4	7	4	4	
INST:	53	50	39	47	44	23	26	7	2	3= 22	2	6	4	2	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	669	13504	1006	3985	1193	1088	192	170	37	0= 44	77	74	88	88	2
										1= 6	10	6	4	12	
INSTL:	77	76	62	67	64	32	38	16		2= 34	7	12	9	2	
INST:	72	70	57	60	59	29	36	15	7	3= 22	4	9	5	4	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	953	19770	1170	4269	1332	1932	1017	19	36	0= 51	99	95	97	97	5
										1= 8	11	4	9	14	
INSTL:	92	89	70	83	76	36	50	7		2= 33	6	10	11	8	
INST:	84	82	66	79	72	32	48	7	9	3= 30	6	13	5	4	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	112	1826	105	499	174	198	85	16	15	0= 40	83	80	82	82	4
										1= 3	3	2	3	5	
INSTL:	33	32	24	44	33	23	29	5		2= 48	4	6	3	3	
INST:	33	32	24	44	33	23	29	5	7	3= 20	1	3	3	2	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	170	2996	226	3111	303	1918	460	390	35	0= 07	149	141	134	134	5
										1= 15	10	3	17	23	
INSTL:	95	100	54	107	83	45	52	17		2= 51	8	15	11	4	
INST:	92	96	52	97	79	40	45	16	11	3= 39	5	13	10	11	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	1137	42996	2870	6280	3084	1447	270	887	100	0= 109	222	207	177	177	32
										1= 48	15	6	45	34	
INSTL:	232	228	183	193	190	26	48	42		2= 71	10	27	23	27	
INST:	223	219	177	185	183	24	44	40	18	3= 46	7	14	9	16	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	1199	35873	1656	2186	1759	98	180	80	12	0= 104	359	340	275	275	5
										1= 65	5	7	57	63	
INSTL:	347	346	263	289	281	32	82	36		2= 83	11	23	39	24	
INST:	339	338	256	282	275	31	80	36	15	3= 46	3	8	7	12	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	46	367	26	306	92	90	105	1	21	0= 48	81	78	76	76	0
										1= 0	4	1	5	9	
INSTL:	29	29	12	30	24	11	12	1		2= 32	2	5	4	3	
INST:	29	29	12	30	24	11	12	1	3	3= 18	1	4	3	1	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	520	8143	381	3343	1242	797	968	45	39	0= 96	214	203	159	159	3
										1= 39	11	7	43	47	
INSTL:	196	192	103	173	145	48	81	16		2= 83	10	16	27	21	
INST:	196	192	103	169	144	45	80	16	7	3= 40	3	12	9	10	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	617	10194	443	4588	1384	1451	1196	50	156	0= 107	228	216	173	173	13
										1= 42	17	10	43	50	
INSTL:	204	204	124	188	162	55	73	18		2= 68	10	21	32	21	
INST:	203	203	124	180	161	50	73	18	10	3= 43	5	13	11	10	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	264	6879	289	1327	313	683	267	33	9	0= 89	182	178	150	150	10
										1= 18	5	3	27	22	
INSTL:	127	134	80	126	99	36	81	13		2= 52	6	8	15	16	
INST:	125	132	80	122	96	35	79	13	9	3= 35	0	5	2	4	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	354	7375	375	1834	423	955	289	74	21	0= 83	186	175	147	147	6
										1= 40	0	2	24	25	
INSTL:	137	132	90	124	111	29	55	17		2= 52	5	6	17	10	
INST:	135	130	88	121	109	29	53	17	6	3= 38	0	6	3	6	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	320	6303	426	1301	486	384	297	39	95	0= 94	155	147	126	126	8
										1= 18	2	1	21	21	
INSTL:	111	110	75	109	90	31	56	16		2= 45	7	11	15	13	
INST:	109	107	72	105	88	31	54	16	10	3= 38	1	6	3	4	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	134	3552	316	963	472	301	123	44	13	0= 51	113	106	102	102	5
										1= 5	2	1	8	11	
INSTL:	55	55	30	60	47	16	34	13		2= 36	3	10	6	5	
INST:	51	51	27	55	43	14	32	13	5	3= 27	1	2	3	2	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	936	39693	1939	2914	2047	177	481	59	47	0= 108	201	193	164	164	4
										1= 17	6	5	22	31	
INSTL:	189	187	139	155	145	15	47	22		2= 66	10	8	25	15	
INST:	185	183	138	152	143	14	45	22	12	3= 28	2	13	8	10	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	760	18182	1315	5251	1483	1872	764	969	1415	0= 86	145	141	115	115	11
										1= 20	3	3	19	26	
INSTL:	83	92	76	113	88	34	48	22		2= 60	6	5	15	8	
INST:	82	91	75	107	85	32	48	22	20	3= 34	6	11	11	12	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP C ASSOCIATE)

TOTAL NUMBER OF INSTITUTIONS = 1048 TOTAL NO. OF INSTAL REPORTING FORM2 = 330
TOTAL NUMBER OF INSTITUTIONS REPORTING = 708 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 323

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 253 COLLEGE OR UNIV. 463 COMMERCIAL 44

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUS$	COST OF SVCS, RES AND INSTR (THOUS$)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	MISC	C REGL O COMP E ACT,	OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUM.
CHEMICAL ENGINEERING	11	477	33	34	33	0	1	0	0	0- 9	19	18	19	19	0
										1- 0	0	0	0	0	
INSTL:	8	8	7	9	8	0	1	1	0	2- 10	2	3	0	2	
INST:	7	7	6	8	7	0	1	1	0	3- 2	0	0	2	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	39	774	41	61	41	0	20	1	0	0- 24	41	40	36	36	0
										1- 1	2	0	5	6	
INSTL:	29	29	20	25	24	0	2	1	0	2- 13	0	3	3	2	
INST:	29	29	20	25	24	0	2	1	0	3- 7	2	2	1	1	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	107	2542	129	129	128	0	2	1	0	0- 34	59	59	59	59	0
										1- 4	4	2	5	5	
INSTL:	55	55	36	41	41	0	3	1	0	2- 23	0	5	3	2	
INST:	55	55	36	41	41	0	3	1	0	3- 6	4	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	135	5038	306	352	298	0	0	42	7	0- 36	70	65	66	66	0
										1- 3	3	0	7	7	
INSTL:	67	67	50	54	54	0	2	2	1	2- 29	1	4	3	1	
INST:	67	67	50	54	54	0	2	2	1	3- 8	2	2	0	1	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	1	15	1	1	1	0	0	0	0	0- 8	14	13	13	13	0
										1- 0	0	0	0	1	
INSTL:	1	1	1	1	1	0	0	0	0	2- 5	0	1	1	0	
INST:	1	1	1	1	1	0	0	0	0	3- 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	13	285	1	1	1	0	0	0	0	0- 9	20	19	21	21	0
										1- 1	0	0	0	1	
INSTL:	8	8	1	2	2	0	0	0	0	2- 9	1	3	1	0	
INST:	8	8	1	2	2	0	0	0	0	3- 3	1	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	1954	71956	8052	7989	7879	24	20	32	41	0- 101	209	197	182	167	3
										1- 19	9	3	19	17	
INSTL:	225	225	195	197	195	2	10	12	7	2- 89	4	27	24	24	
INST:	224	224	194	196	194	2	10	12	7	3- 20	7	2	4	5	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	263	10654	591	661	631	21	7	1	0	0- 62	129	125	114	114	0
										1- 16	2	1	17	21	
INSTL:	132	133	98	104	101	3	9	4	0	2- 49	8	16	11	6	
INST:	131	132	97	103	100	3	9	4	0	3- 15	3	0	0	3	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	2	20	0	0	0	0	0	0	0	0- 7	16	14	14	14	0
										1- 1	0	1	0	2	
INSTL:	2	1	0	2	1	0	0	0	1	2- 7	0	1	1	0	
INST:	2	1	0	2	1	0	0	0	1	3- 1	0	0	1	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	20	433	8	9	7	0	1	0	0	0- 10	28	27	28	28	0
										1- 4	0	0	4	4	
INSTL:	16	15	6	12	9	0	2	1	0	2- 10	1	2	1	0	
INST:	16	15	6	12	9	0	2	1	0	3- 5	0	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	91	2185	67	83	73	2	4	3	2	0- 27	49	49	45	45	0
										1- 10	1	1	7	9	
INSTL:	42	41	20	25	22	1	1	4	1	2- 15	3	5	2	2	
INST:	42	41	20	25	22	1	1	4	3	3- 3	2	0	1	1	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	4	215	10	22	10	0	11	0	0	0- 9	19	18	19	19	0
										1- 0	0	0	1	1	
INSTL:	4	4	2	6	2	0	4	0	0	2- 9	0	2	0	0	
INST:	4	4	2	6	2	0	4	0	0	3- 2	1	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	18	705	14	14	14	0	0	0	0	0- 11	24	22	21	21	0
										1- 2	0	0	2	3	
INSTL:	9	10	6	6	6	0	0	0	0	2- 10	0	1	1	1	
INST:	9	10	6	6	6	0	0	0	0	3- 1	0	1	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	29	929	20	34	20	0	0	0	0	0- 12	25	24	24	24	0
										1- 1	0	0	0	2	
INSTL:	12	12	4	6	5	0	1	1	0	2- 10	1	2	2	0	
INST:	12	12	4	6	5	0	1	1	0	3- 3	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	17	491	22	26	22	0	4	0	0	0- 8	17	15	16	16	0
										1- 1	0	0	1	1	
INSTL:	4	4	2	4	2	0	2	0	0	2- 7	0	1	0	0	
INST:	4	4	2	4	2	0	2	0	0	3- 1	0	1	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	665	28927	1828	1860	1840	0	9	5	10	0- 72	149	144	129	129	0
										1- 10	4	1	14	16	
INSTL:	149	151	110	121	119	0	6	5	2	2- 60	5	14	17	14	
INST:	149	151	110	121	119	0	6	5	2	3- 19	3	2	1	2	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	68	1868	170	258	194	0	3	20	24	0- 22	39	39	36	36	0
										1- 0	0	0	4	4	
INSTL:	29	31	23	26	24	0	2	5	4	2- 18	2	3	3	2	
INST:	29	31	23	26	24	0	2	5	4	3- 3	2	1	0	0	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP C (BACHELORS)

TOTAL NUMBER OF INSTITUTIONS = 864 TOTAL NO. OF INSTAL REPORTING FORM2 = 293
TOTAL NUMBER OF INSTITUTIONS REPORTING = 669 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 283

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 39; COLLEGE OR UNIV. 73; COMMERCIAL 61

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE NK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUS$	** COST OF SVCS, RES AND INSTR (THOUS$)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	MISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUM.
CHEMICAL ENGINEERING	12	352	19	19	19	0	0	0	0	0- 13	22	22	22	22	0
INSTL:	6	6	5	6	6	0	0	0	0	1- 1	0	0	0	0	
INST:	6	6	5	6	6	0	0	0	0	2- 7	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)										3- 1	0	0	0	0	
CIVIL ENGINEERING	78	1531	27	33	28	0	5	0	0	0- 13	27	26	28	28	0
INSTL:	15	15	8	10	10	1	2	0	1	1- 1	1	0	1	2	
INST:	15	15	8	10	10	1	2	0	1	2- 13	2	2	1	0	
(NUMBER REPORTING PER CATEGORY)										3- 3	0	2	0	0	
ELECTRICAL ENGINEERING	92	3120	114	160	128	1	10	17	5	0- 18	31	30	30	30	0
INSTL:	23	22	16	18	18	1	4	3	1	1- 2	1	0	3	5	
INST:	22	21	15	17	17	1	4	3	1	2- 13	3	4	2	0	
(NUMBER REPORTING PER CATEGORY)										3- 2	0	1	0	1	
OTHER ENGINEERING	98	3831	188	217	191	10	12	4	1	0- 21	37	35	35	35	1
INSTL:	26	25	16	19	18	2	7	2	2	1- 3	1	0	4	5	
INST:	25	24	15	18	17	2	7	2	2	2- 14	3	4	2	1	
(NUMBER REPORTING PER CATEGORY)										3- 3	0	2	0	0	
ENVIRONMENTAL SCIENCES	25	642	16	15	10	0	8	0	0	0- 17	33	32	31	31	0
INSTL:	12	11	6	10	9	0	4	0	2	1- 1	0	1	1	2	
INST:	12	11	6	10	9	0	4	0	2	2- 13	0	0	1	0	
(NUMBER REPORTING PER CATEGORY)										3- 2	0	0	0	0	
LIFE SCIENCES	75	1172	37	265	42	132	60	27	8	0- 39	77	76	65	65	1
INSTL:	48	53	17	39	32	7	12	6	4	1- 8	1	0	8	10	
INST:	48	52	17	37	32	6	12	5	4	2- 29	0	3	5	5	
(NUMBER REPORTING PER CATEGORY)										3- 4	2	1	2	1	
COMPUTER SCIENCES	454	18769	1287	1500	1346	78	33	28	18	0- 70	134	131	90	90	0
INSTL:	134	134	98	103	102	5	11	14	9	1- 36	4	1	37	24	
INST:	134	134	98	103	102	5	11	14	9	2- 42	6	10	15	22	
(NUMBER REPORTING PER CATEGORY)										3- 9	1	3	3	8	
MATHEMATICS AND STATISTICS	579	20291	820	913	860	6	28	21	3	0- 114	210	213	154	154	1
INSTL:	210	211	146	165	165	7	30	18	8	1- 35	3	0	39	42	
INST:	210	211	146	165	165	7	30	18	8	2- 45	5	8	28	20	
(NUMBER REPORTING PER CATEGORY)										3- 10	0	3	3	7	
ASTRONOMY	19	151	6	21	16	5	1	0	0	0- 41	36	36	32	32	0
INSTL:	15	14	6	10	9	3	2	0	0	1- 0	0	0	1	3	
INST:	15	14	6	10	9	3	2	0	0	2- 13	0	0	2	1	
(NUMBER REPORTING PER CATEGORY)										3- 2	0	0	1	0	
CHEMISTRY	219	3434	207	281	133	2	56	12	0	0- 55	115	114	87	87	0
INSTL:	96	94	47	79	70	3	25	5	0	1- 23	0	0	19	23	
INST:	96	94	47	79	70	3	25	5	0	2- 43	3	3	11	5	
(NUMBER REPORTING PER CATEGORY)										3- 6	0	1	1	3	
PHYSICS	287	7733	231	385	210	65	28	12	4	0- 66	123	121	93	93	0
INSTL:	107	107	57	89	83	5	22	7	4	1- 25	2	1	20	26	
INST:	106	106	56	88	82	5	22	7	4	2- 40	4	5	15	6	
(NUMBER REPORTING PER CATEGORY)										3- 8	0	2	1	2	
PSYCHOLOGY	88	1808	84	171	93	26	51	0	0	0- 49	90	91	74	74	1
INSTL:	58	63	27	48	41	6	17	0	0	1- 9	1	0	12	10	
INST:	58	63	27	48	41	6	17	0	0	2- 47	2	2	6	7	
(NUMBER REPORTING PER CATEGORY)										3- 8	0	0	1	1	
ECONOMICS	116	3236	98	106	89	2	14	1	1	0- 45	86	86	68	68	0
INSTL:	63	63	36	48	45	2	9	1	1	1- 32	1	0	12	15	
INST:	62	62	33	47	44	2	9	1	1	2- 27	2	1	9	4	
(NUMBER REPORTING PER CATEGORY)										3- 5	0	2	0	1	
OTHER SOCIAL SCIENCES	76	1319	150	174	151	4	8	12	0	0- 46	63	62	50	50	0
INSTL:	36	38	22	33	27	4	10	3	2	1- 6	0	0	7	8	
INST:	36	38	22	33	27	4	10	3	2	2- 23	0	0	6	3	
(NUMBER REPORTING PER CATEGORY)										3- 8	0	1	0	2	
EDUCATION	37	1089	110	131	110	0	12	10	0	0- 43	47	46	42	42	0
INSTL:	14	13	6	13	9	0	5	1	0	1- 2	0	1	3	3	
INST:	14	13	6	13	9	0	5	1	0	2- 15	0	0	2	2	
(NUMBER REPORTING PER CATEGORY)										3- 7	0	0	0	0	
BUSINESS AND COMMERCE	242	10061	313	340	320	11	4	3	2	0- 94	114	111	91	91	1
INSTL:	98	98	62	73	70	2	4	5	3	1- 8	0	0	13	15	
INST:	97	97	62	73	70	2	4	5	3	2- 34	4	5	11	9	
(NUMBER REPORTING PER CATEGORY)										3- 10	0	2	3	3	
ALL OTHER	96	2916	141	162	124	4	19	13	3	0- 33	72	72	52	52	0
INSTL:	35	42	33	45	39	4	12	7	4	1- 12	0	0	12	15	
INST:	35	42	33	45	39	4	12	7	4	2- 20	1	0	7	4	
(NUMBER REPORTING PER CATEGORY)										3- 8	0	1	2	3	

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (MASTERS#)

TOTAL NUMBER OF INSTITUTIONS = 553 TOTAL NO. OF INSTNL REPORTING FORM2 = 298
TOTAL NUMBER OF INSTITUTIONS REPORTING = 441 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 275

USE OF OFF-CAMPUS COMPUTERS BY INSTN: COOP. OR NON-PROFIT 10; COLLEGE OR UNIV. 74; COMMERCIAL 37

ACADEMIC FIELDS AND DISCIPLINES	** STUNT USE, COURSE NX ** GRAD AND UNDGR COURSES	STDNTS	THOUSD	** COST OF SVCS, RES AND INSTR (THOUSD)** TOTAL	ALL INSTR	FAC-SP	RESEARCH FAC-NS	SFT-CV	MISC	C REGL D COMP E ACT.	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUM.
CHEMICAL ENGINEERING	81	753	30	481	141	1	228	0	90	0= 16	30	29	30	30	0
										1= 2	1	1	2	3	
INSTL:	13	12	7	14	13	2	7	1	1	2= 10	3	3	2	1	
INST:	12	11	7	13	12	2	7	1	1	3= 6	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	226	4184	174	267	192	6	70	7	2	0= 25	45	44	43	43	0
										1= 2	1	0	4	4	
INSTL:	32	30	25	25	25	3	13	4	4	2= 12	3	4	1	0	
INST:	32	30	25	25	25	3	13	4	4	3= 11	1	2	2	4	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	299	5589	269	489	319	24	51	85	8	0= 40	51	50	51	51	0
										1= 1	5	0	5	6	
INSTL:	44	42	32	37	36	3	18	7	5	2= 18	3	9	3	1	
INST:	42	40	32	35	34	3	17	7	5	3= 12	2	2	2	3	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	598	15593	1324	1005	823	17	148	7	12	0= 34	66	64	62	62	0
										1= 4	4	2	9	8	
INSTL:	63	60	48	56	56	6	28	6	6	2= 19	6	10	6	5	
INST:	62	59	47	53	53	5	27	6	6	3= 10	1	1	0	2	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	71	1600	44	112	55	5	39	9	8	0= 26	54	51	55	55	0
										1= 4	0	1	3	4	
INSTL:	20	20	11	30	18	5	24	8	3	2= 13	5	6	1	0	
INST:	20	20	11	30	18	5	24	8	3	3= 17	1	2	1	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	84	1785	88	140	102	6	82	18	6	0= 36	77	72	68	68	1
										1= 8	2	1	15	14	
INSTL:	44	43	25	52	35	4	25	10	3	2= 21	8	9	3	3	
INST:	44	43	25	52	35	4	25	10	3	3= 43	1	8	2	4	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	896	39725	3087	3130	2755	20	180	80	19	0= 62	137	127	125	125	0
										1= 48	8	2	17	16	
INSTL:	143	139	113	115	115	6	34	24	10	2= 44	8	17	4	4	
INST:	143	139	113	115	115	6	34	24	10	3= 18	3	6	6	8	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	802	29007	1405	1797	1485	26	237	40	12	0= 121	214	199	189	189	0
										1= 35	5	7	32	31	
INSTL:	220	219	169	183	173	11	55	22	10	2= 45	20	29	14	11	
INST:	218	217	167	180	170	11	54	22	10	3= 39	1	5	5	9	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	15	215	4	11	5	0	6	0	0	0= 14	36	34	36	36	0
										1= 0	1	0	4	3	
INSTL:	10	11	3	7	6	0	3	0	0	2= 14	4	4	0	2	
INST:	10	11	3	7	6	0	3	0	0	3= 13	0	3	1	3	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	293	6854	185	435	193	13	192	10	42	0= 57	126	115	100	100	0
										1= 20	3	4	29	27	
INSTL:	108	107	63	97	76	9	53	13	8	2= 36	13	18	11	6	
INST:	107	106	62	96	75	9	52	13	8	3= 31	2	7	4	10	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	362	7253	269	475	289	30	139	10	9	0= 81	139	125	118	118	0
										1= 44	5	4	28	25	
INSTL:	122	124	73	115	93	14	50	12	7	2= 47	15	26	13	7	
INST:	121	123	72	114	92	14	49	12	7	3= 30	3	7	4	11	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	214	6821	321	555	347	34	193	21	15	0= 51	99	92	95	95	0
										1= 8	4	3	16	12	
INSTL:	74	77	43	79	51	9	52	16	8	2= 36	11	17	5	6	
INST:	73	76	43	77	50	9	51	16	8	3= 25	3	6	2	4	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	173	4066	128	192	137	3	41	7	7	0= 39	97	88	81	81	0
										1= 12	2	2	15	14	
INSTL:	72	70	48	68	56	4	35	10	4	2= 32	6	13	5	6	
INST:	71	69	47	67	55	4	35	10	4	3= 43	1	5	5	6	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	187	4926	215	575	251	62	240	9	6	0= 52	97	89	86	86	0
										1= 11	1	2	17	13	
INSTL:	76	75	47	79	99	9	42	14	6	2= 31	9	14	3	6	
INST:	75	74	46	78	98	9	42	14	6	3= 44	1	3	2	4	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	126	4664	106	271	127	7	107	19	15	0= 43	98	90	87	87	0
										1= 7	1	2	15	12	
INSTL:	58	57	28	66	40	6	45	14	7	2= 30	9	13	4	5	
INST:	58	57	28	66	40	6	45	14	7	3= 30	2	5	4	7	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	790	43777	2048	2289	2040	12	131	67	41	0= 96	150	143	142	142	0
										1= 14	3	4	13	12	
INSTL:	156	152	127	130	125	6	43	23	16	2= 43	15	19	11	8	
INST:	156	152	127	130	125	6	43	23	16	3= 47	2	4	4	10	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	204	4972	233	521	362	12	106	21	320	0= 44	91	82	82	82	0
										1= 8	0	1	11	11	
INSTL:	57	57	41	71	50	3	36	14	12	2= 43	7	14	4	4	
INST:	57	57	41	71	50	3	36	14	12	3= 44	1	2	2	2	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (DOCTORATE) 1

TOTAL NUMBER OF INSTITUTIONS = 340 TOTAL NO. OF INSTAL REPORTING FORM2 = 411
TOTAL NUMBER OF INSTITUTIONS REPORTING = 287 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 177

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 73 COLLEGE OR UNIV. 303 COMMERCIAL 28

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUS$	TOTAL	** COST OF SVCS, RES AND INSTR (THOUS$) ** ALL INSTR	FAC-SP	RESEARCH FAC-NS	SFT-DV	**** HISC	C REG, D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUM,
CHEMICAL ENGINEERING	818	16386	794	2992	1568	378	911	40	46	0= 43	103	92	121	121	8
										1= 5	17	6	8	5	
INSTL:	105	105	91	110	103	55	87	8	8	2= 47	10	16	15	13	
INST:	98	95	86	99	95	53	86	8	8	3= 54	11	27	2	8	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	1197	29380	1182	3998	1485	745	675	64	17	0= 45	116	104	128	128	7
										1= 4	12	5	9	8	
INSTL:	117	116	109	125	116	77	96	15	9	2= 41	13	10	6	11	
INST:	113	111	106	115	110	75	93	15	9	3= 60	9	23	7	5	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	1643	57544	2534	6345	2966	1600	1164	221	70	0= 56	96	87	143	143	9
										1= 20	42	11	10	9	
INSTL:	145	146	133	147	138	97	113	33	19	2= 39	18	14	13	13	
INST:	125	123	116	122	120	86	102	31	19	3= 50	17	42	8	11	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	2840	86725	3780	11046	5191	2942	2775	67	141	0= 65	126	117	151	151	20
										1= 13	26	7	15	13	
INSTL:	155	155	147	162	150	105	129	24	21	2= 46	18	27	13	18	
INST:	138	136	135	140	135	97	121	24	21	3= 64	18	37	9	9	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	382	6428	296	3056	556	1158	1149	81	88	0= 51	130	119	136	136	15
										1= 2	9	3	5	3	
INSTL:	77	80	60	112	86	74	89	15	16	2= 40	10	16	7	11	
INST:	75	77	60	107	84	70	88	14	16	3= 61	5	14	6	6	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	550	15165	886	9681	1278	5297	2131	1684	283	0= 47	161	152	188	188	77
										1= 11	29	9	16	11	
INSTL:	130	132	104	190	138	131	147	46	30	2= 48	23	38	12	10	
INST:	121	122	98	159	124	112	129	43	29	3= 66	17	31	14	21	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	1978	122777	7359	14040	8147	2839	1342	1450	175	0= 61	145	131	162	162	40
										1= 37	27	9	19	16	
INSTL:	166	166	160	171	161	58	86	50	23	2= 55	13	29	13	11	
INST:	148	147	146	151	146	53	85	47	23	3= 46	14	30	5	9	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	1232	53442	2151	3795	2378	372	623	124	103	0= 72	195	180	188	188	30
										1= 19	7	3	20	15	
INSTL:	184	183	164	188	174	67	124	21	17	2= 55	9	17	10	10	
INST:	170	169	154	176	163	66	121	21	17	3= 75	10	21	3	8	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	75	881	98	1201	295	474	394	18	24	0= 34	102	96	105	105	2
										1= 0	6	3	4	3	
INSTL:	35	37	21	46	37	27	30	5	5	2= 35	6	6	4	7	
INST:	33	34	19	43	34	26	26	5	5	3= 47	2	11	3	1	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	519	16560	822	8745	2777	1788	3202	193	325	0= 62	147	134	153	153	21
										1= 12	34	12	24	15	
INSTL:	143	144	113	178	141	105	148	22	20	2= 54	11	25	15	27	
INST:	137	137	108	168	135	99	141	22	20	3= 79	11	32	11	10	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	526	12389	839	12293	2574	4431	4155	86	280	0= 72	161	150	153	153	34
										1= 13	36	12	37	19	
INSTL:	147	151	114	195	147	126	147	22	21	2= 58	17	36	20	43	
INST:	139	142	109	167	137	106	137	22	21	3= 86	15	31	19	13	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	425	16056	472	2728	665	1189	682	67	103	0= 84	153	146	167	167	40
										1= 6	19	5	18	12	
INSTL:	124	125	99	165	122	94	126	21	13	2= 53	16	21	8	12	
INST:	120	120	97	151	116	87	123	21	13	3= 74	9	25	4	8	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	505	13013	476	2800	610	1226	775	82	32	0= 57	172	162	155	155	15
										1= 3	2	1	13	9	
INSTL:	122	120	97	142	120	69	108	19	16	2= 50	8	7	12	12	
INST:	118	116	95	136	117	68	104	19	16	3= 74	2	14	4	9	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	799	23098	872	3218	1094	705	1183	57	132	0= 61	173	162	162	162	26
										1= 8	3	2	12	9	
INSTL:	121	122	96	146	117	82	113	18	20	2= 43	7	10	10	13	
INST:	117	117	93	140	113	80	110	18	20	3= 76	5	14	4	6	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	442	12093	558	2323	899	645	623	45	77	0= 59	161	149	163	163	53
										1= 1	7	1	10	6	
INSTL:	107	113	82	138	110	69	107	17	15	2= 31	8	17	3	6	
INST:	102	105	79	131	105	67	105	17	14	3= 68	3	12	3	8	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	1885	108263	4361	5732	3692	500	1170	104	122	0= 62	156	150	154	154	37
										1= 8	16	5	14	19	
INSTL:	165	162	149	164	151	66	119	20	18	2= 55	17	14	18	13	
INST:	154	152	142	153	143	63	114	19	17	3= 70	6	20	9	12	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	1183	32.78	1860	12792	2260	3400	2257	1881	2410	0= 60	145	138	147	147	27
										1= 5	8	4	11	12	
INSTL:	112	117	102	154	124	101	113	38	40	2= 45	15	14	13	13	
INST:	105	109	96	140	116	94	109	36	40	3= 75	17	29	14	16	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 775 TOTAL NO. OF INSTAL REPORTING FORM2 = 60
TOTAL NUMBER OF INSTITUTIONS REPORTING = 518 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 57

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 83 COLLEGE OR UNIV. 183 COMMERCIAL 20

ACADEMIC FIELDS AND DISCIPLINES		** STDNT USE, COURSE WK ** GRAD COURSES	AND UNDER ** STDNTS	THOUS$	** COST OF SVCS, RES TOTAL	ALL INSTN	AND INSTR (THOUS$)** RESEARCH FAC-NS	FAC-SP	SFT-DV	MISC	C REGL C COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB,
CHEMICAL ENGINEERING		8	345	32	711	491	30	170	0	90	C-	1	0	0	5	5	0
											1-	0	0	0	0	1	
	INSTL:	4	4	4	5	5	1	2	0	1	2-	0	2	2	1	2	
	INST:	3	3	3	4	4	1	2	0	1	3-	1	0	0	2	0	
	(NUMBER REPORTING PER CATEGORY)																
CIVIL ENGINEERING		10	116	10	10	10	0	0	0	0	C-	3	7	7	5	5	0
											1-	1	0	0	1	1	
	INSTL:	3	3	3	3	3	0	0	0	0	2-	2	0	0	1	0	
	INST:	3	3	3	3	3	0	0	0	0	3-	1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ELECTRICAL ENGINEERING		13	222	6	14	8	4	1	1	0	C-	5	10	10	9	9	0
											1-	1	0	0	1	1	
	INSTL:	5	6	3	4	3	1	1	1	0	2-	4	0	0	0	0	
	INST:	5	6	3	4	3	1	1	1	0	3-	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
OTHER ENGINEERING		16	359	612	75	72	0	3	1	0	C-	5	10	10	7	7	0
											1-	2	0	0	2	1	
	INSTL:	6	7	6	7	6	0	2	1	0	2-	3	0	0	1	2	
	INST:	6	7	6	7	6	0	2	1	0	3-	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ENVIRONMENTAL SCIENCES		2	5	1	19	1	0	16	2	0	C-	3	4	5	4	4	0
											1-	0	1	1	1	0	
	INSTL:	1	1	1	3	1	1	1	1	0	2-	1	0	0	0	0	
	INST:	1	1	1	3	1	1	1	1	0	3-	1	0	0	0	1	
	(NUMBER REPORTING PER CATEGORY)																
LIFE SCIENCES		14	610	34	350	36	114	134	62	7	C-	7	16	15	12	12	1
											1-	1	2	0	3	4	
	INSTL:	10	12	8	14	9	7	8	6	2	2-	5	0	0	3	3	
	INST:	10	11	8	13	9	6	8	5	2	3-	2	1	0	1	0	
	(NUMBER REPORTING PER CATEGORY)																
COMPUTER SCIENCES		182	2573	970	520	508	1	1	10	1	C-	17	28	27	23	23	0
											1-	3	2	0	5	1	
	INSTL:	26	27	22	23	22	1	1	6	1	2-	6	0	3	2	6	
	INST:	24	27	22	23	22	1	1	6	1	3-	2	0	0	0	1	
	(NUMBER REPORTING PER CATEGORY)																
MATHEMATICS AND STATISTICS		53	1292	84	90	84	0	5	0	0	C-	10	24	24	17	17	0
											1-	5	1	0	5	5	
	INSTL:	18	20	14	16	14	0	3	0	0	2-	9	0	1	3	4	
	INST:	18	20	14	16	14	0	3	0	0	3-	1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ASTRONOMY		3	29	2	25	2	0	23	0	0	C-	3	7	7	5	5	0
											1-	0	1	0	2	2	
	INSTL:	3	3	2	3	2	0	1	0	0	2-	4	0	1	1	1	
	INST:	3	3	2	3	2	0	1	0	0	3-	1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
CHEMISTRY		11	178	12	683	655	3	25	1	0	C-	3	10	10	7	7	0
											1-	2	1	0	3	2	
	INSTL:	6	5	3	5	3	1	2	1	0	2-	4	0	1	1	1	
	INST:	6	5	3	5	3	1	2	1	0	3-	2	0	0	0	1	
	(NUMBER REPORTING PER CATEGORY)																
PHYSICS		15	226	15	710	650	1	50	0	0	C-	4	11	11	8	8	0
											1-	1	1	0	3	2	
	INSTL:	6	7	5	7	5	2	2	0	0	2-	5	0	1	1	2	
	INST:	6	7	5	7	5	2	2	0	0	3-	2	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
PSYCHOLOGY		4	69	13	43	18	0	25	0	0	C-	3	9	9	7	7	2
											1-	1	0	0	1	2	
	INSTL:	3	4	3	4	4	0	1	0	0	2-	5	0	0	1	0	
	INST:	3	4	3	4	4	0	1	0	0	3-	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ECONOMICS		4	95	7	7	7	0	0	0	0	C-	2	4	4	5	5	0
											1-	0	0	0	0	1	
	INSTL:	3	3	3	3	3	0	0	0	0	2-	4	0	0	1	0	
	INST:	3	3	3	3	3	0	0	0	0	3-	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
OTHER SOCIAL SCIENCES		9	286	4	5	4	0	1	0	0	C-	4	11	11	9	9	0
											1-	0	0	0	2	1	
	INSTL:	6	7	2	3	2	0	1	0	0	2-	6	0	0	0	1	
	INST:	6	7	2	3	2	0	1	0	0	3-	1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
EDUCATION		0	0	0	0	0	0	0	0	0	C-	1	4	4	3	3	0
											1-	0	0	0	1	1	
	INSTL:	0	0	0	0	0	0	0	0	0	2-	3	0	0	0	0	
	INST:	0	0	0	0	0	0	0	0	0	3-	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
BUSINESS AND COMMERCE		43	1404	188	189	168	0	1	0	0	C-	9	19	19	16	16	0
											1-	0	0	0	2	1	
	INSTL:	14	14	10	11	10	0	1	0	0	2-	6	0	0	1	2	
	INST:	14	14	10	11	10	0	1	0	0	3-	4	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ALL OTHER		21	332	16	30	25	0	4	1	0	C-	4	11	11	9	9	0
											1-	1	0	0	2	2	
	INSTL:	5	6	5	7	6	0	2	1	0	2-	4	0	0	0	1	
	INST:	5	6	5	7	6	0	2	1	0	3-	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP C 500-2499 1

TOTAL NUMBER OF INSTITUTIONS = 1321 TOTAL NO. OF INSTAL REPORTING FORM2 = 558
TOTAL NUMBER OF INSTITUTIONS REPORTING = 1009 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 540

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 45% COLLEGE OR UNIV. 129% COMMERCIAL 100

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUSD	TOTAL	** COST OF SVCS, RES AND INSTR (THOUSD)** ALL INSTR	FAC-SP	RESEARCH FAC-NS	SFT-DV	MISC	C HEGL E	COMP ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB,
CHEMICAL ENGINEERING	35	463	56	62	41	0	0	0	0	0=	27	42	42	41	41	1
										1=	2	0	0	1	0	
INSTL:	12	10	10	12	12	0	1	1	0	2=	12	0	0	0	1	
INST:	12	10	10	12	12	0	1	1	0	3=	1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)																
CIVIL ENGINEERING	133	1692	44	105	66	10	29	1	0	0=	38	66	64	62	62	1
										1=	2	1	0	3	4	
INSTL:	38	36	22	30	29	1	6	1	0	2=	43	1	1	2	1	
INST:	38	36	22	30	29	1	6	1	0	3=	5	0	3	1	2	
(NUMBER REPORTING PER CATEGORY)																
ELECTRICAL ENGINEERING	183	3380	229	378	244	1	34	90	6	0=	47	80	79	75	75	0
										1=	5	2	1	6	5	
INSTL:	60	56	39	45	45	2	6	5	2	2=	47	1	2	3	1	
INST:	58	55	38	44	44	2	6	5	2	3=	5	1	2	0	3	
(NUMBER REPORTING PER CATEGORY)																
OTHER ENGINEERING	401	5920	371	493	418	19	50	2	0	0=	47	88	82	75	75	2
										1=	5	0	1	11	10	
INSTL:	68	64	41	52	51	5	15	4	2	2=	49	1	3	3	2	
INST:	66	63	40	51	50	5	15	4	2	3=	0	0	3	0	1	
(NUMBER REPORTING PER CATEGORY)																
ENVIRONMENTAL SCIENCES	53	933	28	108	16	24	67	1	0	0=	31	55	52	51	51	0
										1=	3	0	0	2	5	
INSTL:	19	18	10	17	12	5	11	2	2	2=	18	1	3	2	0	
INST:	19	18	10	17	12	5	11	2	2	3=	4	0	1	1	0	
(NUMBER REPORTING PER CATEGORY)																
LIFE SCIENCES	131	1552	62	856	102	400	236	173	6	0=	62	120	114	102	102	2
										1=	16	6	3	15	19	
INSTL:	77	79	33	64	55	18	24	9	4	2=	37	3	6	7	2	
INST:	77	79	33	64	55	18	24	9	4	3=	14	2	6	5	5	
(NUMBER REPORTING PER CATEGORY)																
COMPUTER SCIENCES	1577	39709	4671	5360	5030	95	202	151	27	0=	135	281	267	218	218	3
										1=	51	3	4	30	37	
INSTL:	281	277	220	229	228	8	27	24	13	2=	90	9	22	22	28	
INST:	280	276	220	229	228	8	27	24	13	3=	21	4	4	7	14	
(NUMBER REPORTING PER CATEGORY)																
MATHEMATICS AND STATISTICS	936	26324	1243	1500	1306	89	84	24	2	0=	183	347	331	260	260	2
										1=	74	3	6	61	65	
INSTL:	336	338	234	251	255	12	54	22	7	2=	66	9	20	33	23	
INST:	336	336	234	257	255	12	54	22	7	3=	19	1	3	6	11	
(NUMBER REPORTING PER CATEGORY)																
ASTRONOMY	23	287	14	193	26	126	41	0	0	0=	30	56	54	52	52	0
										1=	1	0	0	1	3	
INSTL:	19	19	6	14	13	3	3	0	1	2=	10	1	2	1	2	
INST:	19	19	6	14	13	3	3	0	1	3=	7	0	1	3	0	
(NUMBER REPORTING PER CATEGORY)																
CHEMISTRY	357	4772	254	582	254	8	75	4	0	0=	79	173	164	129	129	3
										1=	34	2	2	33	37	
INSTL:	148	144	70	113	99	8	40	8	1	2=	49	4	10	14	8	
INST:	148	144	70	113	99	8	40	8	1	3=	17	1	4	4	7	
(NUMBER REPORTING PER CATEGORY)																
PHYSICS	486	8209	263	717	329	318	63	8	4	0=	100	202	190	158	158	3
										1=	46	1	4	31	41	
INSTL:	180	176	96	138	129	14	38	13	5	2=	51	6	14	17	9	
INST:	180	176	96	137	129	14	38	13	5	3=	14	2	3	4	4	
(NUMBER REPORTING PER CATEGORY)																
PSYCHOLOGY	149	3353	125	265	134	31	85	7	6	0=	74	136	132	114	114	4
										1=	14	1	1	20	13	
INSTL:	86	98	44	73	57	9	38	5	4	2=	38	3	7	5	12	
INST:	85	93	44	72	56	9	38	5	4	3=	15	0	1	2	3	
(NUMBER REPORTING PER CATEGORY)																
ECONOMICS	191	3740	150	183	147	4	30	2	0	0=	98	142	132	108	108	1
										1=	20	0	1	24	23	
INSTL:	101	99	56	75	71	6	20	6	0	2=	42	2	8	9	8	
INST:	100	98	55	74	70	6	20	6	0	3=	14	0	3	3	6	
(NUMBER REPORTING PER CATEGORY)																
OTHER SOCIAL SCIENCES	168	3192	143	218	150	36	15	4	0	0=	98	111	104	86	86	0
										1=	15	0	1	15	15	
INSTL:	76	75	42	65	56	8	21	6	2	2=	35	2	7	9	7	
INST:	75	74	41	64	55	8	21	6	2	3=	15	0	1	3	5	
(NUMBER REPORTING PER CATEGORY)																
EDUCATION	57	1176	36	70	37	2	31	1	0	0=	41	86	80	73	73	3
										1=	5	0	1	8	8	
INSTL:	29	28	10	29	16	2	16	1	0	2=	27	0	4	4	3	
INST:	29	28	10	29	16	2	16	1	0	3=	13	0	1	1	3	
(NUMBER REPORTING PER CATEGORY)																
BUSINESS AND COMMERCE	667	19188	1404	1465	1427	10	13	7	3	0=	116	219	209	183	183	1
										1=	41	2	3	22	26	
INSTL:	200	199	138	154	151	2	13	10	6	2=	69	7	12	20	14	
INST:	199	198	138	154	151	2	13	10	6	3=	23	1	5	4	7	
(NUMBER REPORTING PER CATEGORY)																
ALL OTHER	212	5457	288	449	287	26	71	47	38	0=	61	119	116	92	92	0
										1=	17	1	0	17	21	
INSTL:	67	74	54	73	61	7	21	13	10	2=	33	4	4	12	5	
INST:	67	74	54	71	61	7	21	13	10	3=	13	0	4	3	6	
(NUMBER REPORTING PER CATEGORY)																

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 529 TOTAL NO. OF INSTAL REPORTING FORM2 = 436
TOTAL NUMBER OF INSTITUTIONS REPORTING = 423 TOTAL NUMBER OF INSTITUTIONS RPTNG FORM2 = 389

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 223 COLLEGE OR UNIV. 703 COMMERCIAL 49

ACADEMIC FIELDS AND DISCIPLINES	** STDNT USE, COURSE WK ** GRAD AND UNDER ** COURSES	STDNTS	THOUS$	** COST OF SVCS, RES AND INSTR (THOUS$) ** TOTAL	ALL INSTR	FAC-SP	RESEARCH FAC-NS	SFT-DV	****** >ISC	C REGL ** OTHR COMP USE ** D COMP E ACT,	ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING	317	5466	218	633	314	72	199	2	9	0= 23	80	54	64	64	1
										1= 2	6	4	6	5	
INSTL:	44	44	32	45	42	19	28	4	5	2= 47	5	9	5	7	
INST:	41	41	29	42	39	19	28	4	5	3= 23	4	8	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	562	11088	456	1768	484	101	150	39	10	0= 36	81	76	81	81	1
										1= 2	6	2	11	10	
INSTL:	71	70	60	68	61	24	35	11	6	2= 33	7	13	4	6	
INST:	70	69	59	64	60	24	35	11	6	3= 48	5	8	3	3	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	780	18334	1062	2702	1285	797	169	25	20	0= 47	90	64	102	102	0
										1= 10	19	7	10	14	
INSTL:	101	100	84	91	89	31	42	17	10	2= 41	9	24	9	6	
INST:	97	96	81	86	86	30	47	17	10	3= 28	8	11	5	4	
(NUMBER REPORTI[illegible] PER CATEGORY)															
OTHER ENGINEERING	1163	23474	1581	4627	2082	1403	1046	70	55	0= 64	126	120	131	131	3
										1= 8	15	4	13	14	
INSTL:	130	128	111	120	115	41	61	16	15	2= 48	12	25	12	12	
INST:	124	122	108	114	111	38	59	16	15	3= 40	7	11	4	3	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	86	2053	106	772	214	342	105	74	31	0= 31	76	73	81	81	4
										1= 0	3	3	4	2	
INSTL:	38	35	23	54	37	29	37	12	7	2= 45	8	8	0	4	
INST:	34	35	23	50	35	26	36	11	7	3= 33	2	5	4	3	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	167	2849	117	2260	216	993	609	393	35	0= 37	96	95	106	106	24
										1= 8	8	5	14	5	
INSTL:	57	58	41	85	52	41	49	25	13	2= 39	11	16	2	5	
INST:	54	55	40	79	50	37	49	24	13	3= 43	12	11	5	11	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	2007	96036	6861	9421	7259	412	382	1118	165	0= 95	215	199	199	199	14
										1= 40	18	8	30	26	
INSTL:	243	240	210	218	209	19	59	43	28	2= 64	14	34	22	22	
INST:	238	235	207	210	206	18	58	41	24	3= 39	11	17	7	9	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	945	40105	1844	2445	2034	126	199	81	22	0= [illegible]4	256	249	238	238	5
										2= 38	10	4	32	26	
INSTL:	261	260	211	235	223	25	70	29	17	2= 66	20	29	17	13	
INST:	258	257	209	[illegible]31	219	25	70	29	17	3= 65	5	9	4	12	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	23	227	12	217	60	67	63	10	10	0= 17	52	51	51	51	0
										1= 0	3	1	5	5	
INSTL:	12	13	3	14	11	6	10	1	3	2= 46	3	3	2	1	
INST:	12	13	3	14	11	6	10	1	3	3= 16	1	4	1	2	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	322	7657	483	2292	670	445	865	51	108	0= 55	138	130	124	124	5
										1= 16	14	9	28	20	
INSTL:	113	113	79	131	100	44	83	16	13	2= 52	15	18	13	13	
INST:	112	112	78	129	99	42	82	16	13	3= 46	2	12	4	10	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	396	11995	576	3955	890	1347	1316	74	133	0= 75	161	154	144	144	16
										1= 17	22	7	40	25	
INSTL:	139	143	93	152	117	55	78	18	15	2= 81	18	32	16	18	
INST:	136	140	90	143	113	49	75	18	15	3= 54	6	14	7	16	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	186	4747	208	615	228	111	255	11	10	0= 47	114	111	113	113	8
										1= 5	8	5	18	12	
INSTL:	74	74	52	98	62	30	64	12	8	2= 43	13	15	5	7	
INST:	73	73	52	97	62	30	64	12	8	3= 44	4	8	3	5	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	234	6849	314	734	354	175	179	18	9	0= 45	121	118	110	110	5
										1= 7	3	2	11	10	
INSTL:	80	80	61	85	73	18	44	12	7	2= 42	7	7	9	6	
INST:	78	78	60	84	72	18	44	12	7	3= 38	1	5	2	5	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	243	5311	394	966	412	219	280	42	50	0= 44	119	115	114	114	8
										1= 7	3	2	13	10	
INSTL:	81	82	54	88	64	27	51	16	13	2= 39	9	11	5	6	
INST:	79	80	52	88	62	27	50	16	13	3= 43	2	5	1	3	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	168	6175	323	676	446	72	94	36	32	0= 47	116	109	114	114	6
										1= 5	3	3	12	6	
INSTL:	64	65	38	82	56	14	50	19	10	2= 43	10	15	2	6	
INST:	64	65	38	81	56	14	50	19	10	3= 38	2	4	[illegible]	6	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	1074	58553	2746	3180	2749	73	208	103	34	0= 106	214	210	194	194	4
										1= 15	4	4	23	21	
INSTL:	216	213	171	188	174	20	63	25	19	2= 79	20	24	21	16	
INST:	214	211	171	186	174	20	63	25	19	3= 45	7	7	7	12	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	661	15221	1210	5595	1543	1427	1004	1025	1797	0= 48	118	113	113	113	10
										1= 4	2	4	13	11	
INSTL:	77	78	67	109	81	35	58	27	26	2= 44	9	14	6	9	
INST:	76	78	66	107	79	34	57	27	26	3= 43	10	8	7	5	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP C (10000-19999)

TOTAL NUMBER OF INSTITUTIONS = 135 TOTAL NO. OF INSTAL REPORTING FORM2 = 161
TOTAL NUMBER OF INSTITUTIONS REPORTING = 116 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 88

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 43 COLLEGE OR UNIV. 123 COMMERCIAL 8

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUSS	** COST OF SVCS, RES AND INSTR (THOUSS)** TOTAL	ALL INSTR	FAC-SP	RESEARCH FAC-NS	SFT-DV	HISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUM.
CHEMICAL ENGINEERING	375	5621	355	1356	612	154	523	33	12	0= 16	49	42	58	56	4
										1= 2	9	2	1	2	
INSTL:	50	50	42	51	48	22	41	4	2	2= 15	3	9	5	4	
INST:	45	43	41	46	44	21	41	4	2	3= 31	3	11	2	4	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	502	10655	517	1195	614	174	351	27	4	0= 18	54	46	58	58	4
										1= 1	6	2	2	3	
INSTL:	55	53	51	55	53	36	45	7	7	2= 15	4	10	4	5	
INST:	53	51	49	52	51	35	44	7	7	3= 34	4	10	4	4	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	728	19869	952	2030	1048	457	469	58	35	0= 20	39	35	58	58	7
										1= 7	22	4	4	5	
INSTL:	67	68	60	65	63	42	51	13	8	2= 14	7	20	9	6	
INST:	59	57	54	58	55	39	47	12	8	3= 14	7	16	4	8	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	1279	39075	1668	4093	2003	983	1082	8	62	0= 21	53	47	62	62	9
										1= 5	13	4	6	6	
INSTL:	72	71	68	70	67	44	57	8	9	2= 18	7	17	6	6	
INST:	67	65	64	64	63	42	55	8	9	3= 35	6	11	5	7	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	214	2993	135	1022	220	293	440	7	63	0= 21	66	59	64	64	5
										1= 3	3	1	2	3	
INSTL:	39	39	28	52	43	29	46	4	10	2= 17	2	6	5	5	
INST:	38	38	28	52	43	29	46	4	10	3= 42	2	7	2	2	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	238	8586	332	3548	435	2135	685	223	37	0= 28	71	66	77	77	20
										1= 2	10	1	4	6	
INSTL:	56	55	41	75	58	47	66	12	10	2= 24	7	13	6	6	
INST:	56	53	39	63	54	41	57	11	10	3= 39	5	13	6	7	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	1076	66024	4902	6738	4752	1253	433	141	45	0= 31	71	66	80	80	23
										1= 17	16	3	7	8	
INSTL:	83	83	78	80	78	27	37	21	8	2= 48	6	15	8	5	
INST:	76	76	73	74	72	26	37	21	8	3= 41	4	13	2	5	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	667	28688	1331	2056	1362	153	440	57	7	0= 36	92	80	91	91	10
										1= 7	2	1	7	11	
INSTL:	93	90	81	89	83	36	58	10	8	2= 24	8	13	7	4	
INST:	87	88	76	85	79	35	56	10	8	3= 39	4	12	1	3	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	30	292	15	242	33	138	68	1	3	0= 16	53	48	52	52	0
										1= 0	1	2	1	1	
INSTL:	15	12	9	16	11	9	9	2	1	2= 11	2	2	2	4	
INST:	15	12	9	16	11	9	9	2	1	3= 29	0	0	1	2	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	268	9186	240	2695	560	554	1506	21	49	0= 29	66	59	66	66	7
										1= 6	13	2	10	9	
INSTL:	70	69	50	78	61	41	66	11	10	2= 19	6	13	6	13	
INST:	68	67	49	75	59	39	67	11	10	3= 36	5	16	8	5	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	272	5421	346	4787	784	1759	1706	10	155	0= 48	66	60	61	61	8
										1= 7	14	6	12	10	
INSTL:	70	70	51	82	64	47	70	8	12	2= 42	10	16	14	22	
INST:	65	65	48	73	58	41	65	8	12	3= 40	7	15	10	6	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	293	11035	389	1358	474	507	351	51	6	0= 29	69	64	76	76	13
										1= 2	10	1	6	8	
INSTL:	68	66	50	79	62	41	66	16	7	2= 21	5	12	6	4	
INST:	66	64	49	76	60	40	66	16	7	3= 37	5	12	1	3	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	225	5498	138	1576	190	913	309	66	47	0= 21	74	67	67	67	6
										1= 2	2	0	5	7	
INSTL:	58	57	44	67	53	34	60	10	12	2= 40	4	3	8	6	
INST:	58	57	44	66	53	34	59	10	12	3= 39	2	12	2	4	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	419	10919	398	1591	480	311	654	22	76	0= 25	79	72	73	73	8
										1= 2	0	0	5	6	
INSTL:	57	55	48	72	59	39	64	11	10	2= 21	4	4	6	7	
INST:	57	55	48	72	59	39	64	11	10	3= 38	3	10	2	3	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	287	7738	283	1203	401	385	375	10	28	0= 27	83	76	80	80	27
										1= 1	2	0	6	6	
INSTL:	65	63	46	75	60	40	67	9	10	2= 21	4	7	3	4	
INST:	62	61	44	72	57	39	66	9	9	3= 43	3	9	3	5	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	1214	71549	3411	3638	2706	168	615	46	42	0= 34	84	78	82	82	11
										1= 3	13	2	6	9	
INSTL:	98	97	89	92	90	30	63	13	8	2= 47	5	9	9	8	
INST:	97	96	89	91	89	29	62	13	8	3= 39	1	14	6	7	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	513	11729	647	3265	684	1151	658	419	403	0= 47	73	66	68	68	12
										1= 2	3	1	5	7	
INSTL:	57	59	51	74	63	43	60	15	17	2= 18	5	6	6	6	
INST:	54	56	49	70	60	42	60	15	17	3= 39	5	13	7	6	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP C (ABOVE 20000)

TOTAL NUMBER OF INSTITUTIONS = 42 TOTAL NO. OF INSTAL REPORTING FORM2 = 117
TOTAL NUMBER OF INSTITUTIONS REPORTING = 39 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 25

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 23 COLLEGE OR UNIV. 83 COMMERCIAL 3

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE NO ** GRAD AND UNDGR ** COURSES	STDNTS	THOUS$	** COST OF SVCS, RES TOTAL	ALL INSTR	AND INSTR (THOUS$)** RESEARCH ****** FAC-SP	FAC-NS	SFT-CV	MISC	C NEGL O COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING	187	6073	215	746	354	123	248	5	5	0= 14	17	17	26	26	2
										1= 2	3	1	2	0	
INSTL:	22	23	22	26	23	15	23	1	1	2= 6	5	2	1	2	
INST:	22	22	21	22	21	14	22	1	1	3= 9	4	9	0	1	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	333	12318	377	1281	563	466	241	5	5	0= 12	21	21	29	29	1
										1= 2	3	1	2	2	
INSTL:	26	28	26	31	29	20	23	1	1	2= 6	6	3	0	1	
INST:	25	26	26	28	26	19	21	1	1	3= 13	3	8	2	1	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	437	26990	795	2001	957	366	553	89	22	0= 19	18	18	39	39	2
										1= 4	9	1	2	0	
INSTL:	34	35	31	38	33	25	30	8	5	2= 7	7	6	0	3	
INST:	25	25	23	25	24	18	23	7	5	3= 12	7	17	1	1	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	812	42359	1350	3332	1928	564	755	40	43	0= 19	22	22	39	39	7
										1= 3	6	0	3	2	
INSTL:	35	37	35	40	37	23	31	5	4	2= 10	8	5	2	3	
INST:	29	29	29	29	29	19	26	5	4	3= 12	8	17	0	1	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	84	2701	89	1263	171	498	571	7	3	0= 16	28	26	33	33	6
										1= 1	2	0	0	0	
INSTL:	17	19	16	27	21	15	22	4	2	2= 8	4	7	3	2	
INST:	16	17	16	26	21	14	22	4	2	3= 11	2	3	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	172	4810	465	3092	635	1792	609	878	212	0= 17	32	29	45	45	32
										1= 1	8	1	3	2	
INSTL:	30	32	24	45	33	29	37	10	8	2= 10	11	14	3	1	
INST:	26	27	21	32	25	20	28	9	7	3= 16	1	8	1	3	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	460	48065	2381	4601	2577	1200	536	168	16	0= 16	30	27	39	39	3
										1= 7	5	0	0	3	
INSTL:	35	37	36	38	36	16	17	6	3	2= 10	2	9	2	0	
INST:	29	30	29	29	29	13	17	5	3	3= 10	6	7	2	1	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	275	16985	465	1075	568	57	168	24	167	0= 16	35	33	39	39	14
										1= 3	1	0	3	2	
INSTL:	38	40	37	43	38	15	33	4	3	2= 11	5	7	3	3	
INST:	30	32	31	35	31	15	31	4	3	3= 15	4	5	0	1	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	32	452	65	558	195	148	205	7	3	0= 10	22	22	27	27	2
										1= 0	2	1	0	0	
INSTL:	13	16	10	18	16	11	12	2	1	2= 9	4	3	1	2	
INST:	11	13	8	15	13	10	11	2	1	3= 10	1	3	1	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	93	5488	233	3218	970	794	981	138	130	0= 18	29	27	38	38	6
										1= 1	7	3	2	1	
INSTL:	26	29	27	39	33	23	33	5	4	2= 9	3	6	4	3	
INST:	22	24	23	33	29	21	29	5	4	3= 16	5	8	0	1	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	97	3709	206	3066	483	1302	1191	19	3	0= 19	32	30	36	36	7
										1= 1	6	1	6	1	
INSTL:	23	27	19	45	30	32	32	6	3	2= 11	5	9	2	10	
INST:	21	24	18	34	28	24	29	6	3	3= 17	5	8	4	1	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	99	5496	152	1195	260	599	221	19	96	0= 20	33	31	45	45	14
										1= 1	5	1	2	0	
INSTL:	29	31	22	44	31	29	31	4	4	2= 16	8	8	2	2	
INST:	28	29	21	33	27	23	26	4	4	3= 13	4	10	1	2	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	156	4840	107	610	152	138	311	4	3	0= 16	36	33	35	35	3
										1= 0	0	0	2	0	
INSTL:	24	24	21	34	27	17	28	2	2	2= 11	3	4	0	3	
INST:	21	21	19	29	24	16	25	2	2	3= 12	0	2	2	1	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	252	10564	318	1220	470	704	480	10	12	0= 20	38	35	40	40	10
										1= 2	1	1	1	0	
INSTL:	25	28	23	34	27	21	29	3	3	2= 6	2	4	1	1	
INST:	23	25	22	32	25	19	27	3	3	3= 14	1	2	0	1	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	110	4048	154	803	273	193	247	27	31	0= 17	34	31	38	38	17
										1= 0	3	0	2	1	
INSTL:	25	29	24	35	29	19	26	3	2	2= 9	1	5	0	0	
INST:	23	25	23	32	27	18	25	3	2	3= 14	0	4	0	1	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	584	40934	821	1768	862	272	477	23	77	0= 19	33	32	41	41	22
										1= 1	4	1	1	5	
INSTL:	40	40	40	43	40	22	32	5	6	2= 13	9	7	6	2	
INST:	32	33	33	35	33	20	28	4	5	3= 15	2	8	0	1	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	232	9185	243	4395	361	1013	647	443	458	0= 17	26	25	35	35	5
										1= 1	2	0	1	1	
INSTL:	27	29	22	34	26	23	22	10	7	2= 7	7	7	3	2	
INST:	24	25	19	27	23	18	19	8	7	3= 15	5	8	1	2	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PUBLIC) ASSOCIATE/BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 190 TOTAL NO. OF INSTAL REPORTING FORM2 = 24
TOTAL NUMBER OF INSTITUTIONS REPORTING = 122 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 24

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 3) COLLEGE OR UNIV. 4) COMMERCIAL 2

ACADEMIC FIELDS AND DISCIPLINES	** STDNT USE, COURSE WK GRAD AND UNDGR COURSES	STDNTS	THOUSD	** COST OF SVCS, RES AND INSTR (THOUSD)** TOTAL	ALL INSTR	****** FAC-SP	FAC-NS	SFT-OV	RESEARCH ****** *ISC	C REGL D COMP E ACT.	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING	5	315	21	21	21	0	0	0	0	0* 1*	1 0	3 0	3 0	3 0	0
INSTL:	3	3	3	3	3	0	0	0	0	2*	3	2	2	0	2	
INST:	2	2	2	2	2	0	0	0	0	3*	1	0	0	2	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	10	116	10	10	10	0	0	0	0	0* 1*	3 1	6 0	6 0	4 1	4 1	0
INSTL:	3	3	3	3	3	0	0	0	0	2*	1	0	0	1	0	
INST:	3	3	3	3	3	0	0	0	0	3*	1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	9	167	6	7	6	0	1	0	0	0* 1*	3 1	6 0	6 0	5 1	5 1	0
INSTL:	3	4	2	2	2	0	1	0	0	2*	2	0	0	0	0	
INST:	3	4	2	2	2	0	1	0	0	3*	0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	14	228	7	7	7	0	0	0	0	0* 1*	2 1	5 0	5 0	4 1	4 1	0
INSTL:	4	4	3	3	3	0	0	0	0	2*	2	0	0	0	0	
INST:	4	4	3	3	3	0	0	0	0	3*	0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0* 1*	1 0	2 0	2 0	2 0	2 0	0
INSTL:	0	0	0	0	0	0	0	0	0	2*	1	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	1	18	0	0	0	0	0	0	0	0* 1*	1 0	3 0	3 0	3 0	3 0	0
INSTL:	1	1	0	0	0	0	0	0	0	2*	2	0	0	0	0	
INST:	1	1	0	0	0	0	0	0	0	3*	0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	130	2191	903	448	442	0	1	1	1	0* 1*	8 1	15 0	14 0	15 0	15 0	0
INSTL:	15	15	12	12	12	0	1	1	1	2*	5	0	1	0	1	
INST:	15	15	12	12	12	0	1	1	1	3*	1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	23	572	17	18	17	0	1	0	0	0* 1*	5 2	9 0	9 0	7 1	7 1	0
INSTL:	6	6	3	4	3	0	1	0	0	2*	2	0	0	1	1	
INST:	6	6	3	4	3	0	1	0	0	3*	0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	0	0	0	0	0	0	0	0	0	0* 1*	1 0	2 0	2 0	2 0	2 0	0
INSTL:	0	0	0	0	0	0	0	0	0	2*	1	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	2	40	0	0	0	0	0	0	0	0* 1*	1 0	3 0	3 0	3 0	3 0	0
INSTL:	1	1	0	0	0	0	0	0	0	2*	1	0	0	0	0	
INST:	1	1	0	0	0	0	0	0	0	3*	1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	3	78	1	1	1	0	0	0	0	0* 1*	3 0	5 0	5 0	5 0	5 0	0
INSTL:	3	3	1	1	1	0	0	0	0	2*	1	0	0	0	0	
INST:	3	3	1	1	1	0	0	0	0	3*	1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0* 1*	1 0	2 0	2 0	2 0	2 0	0
INSTL:	0	0	0	0	0	0	0	0	0	2*	1	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	2	60	3	3	3	0	0	0	0	0* 1*	2 0	3 0	3 0	3 0	3 0	0
INSTL:	1	1	1	1	1	0	0	0	0	2*	1	0	0	0	0	
INST:	1	1	1	1	1	0	0	0	0	3*	0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	5	247	0	0	0	0	0	0	0	0* 1*	3 0	6 0	6 0	6 0	6 0	0
INSTL:	3	4	0	0	0	0	0	0	0	2*	2	0	0	0	0	
INST:	3	4	0	0	0	0	0	0	0	3*	1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	0	0	0	0	0	0	0	0	0	0* 1*	1 0	2 0	2 0	2 0	2 0	0
INSTL:	0	0	0	0	0	0	0	0	0	2*	1	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	34	977	142	145	144	0	1	0	0	0* 1*	7 0	14 0	14 0	12 1	12 0	0
INSTL:	11	11	8	9	8	0	1	0	0	2*	3	0	0	1	2	
INST:	11	11	8	9	8	0	1	0	0	3*	4	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	1	32	3	3	3	0	0	0	0	0* 1*	2 0	3 0	3 0	3 0	3 0	0
INSTL:	1	1	1	1	1	0	0	0	0	2*	1	0	0	0	0	
INST:	1	1	1	1	1	0	0	0	0	3*	0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PUBLIC) ASSOCIATE)500-2499)

TOTAL NUMBER OF INSTITUTIONS = 397 TOTAL NO. OF INSTAL REPORTING FORM2 = 157
TOTAL NUMBER OF INSTITUTIONS REPORTING = 279 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 157

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 10) COLLEGE OR UNIV. 21) COMMERCIAL 24

ACADEMIC FIELDS AND DISCIPLINES		** STDNT USE, COURSE WK ** GRAD AND UNDGR COURSES	STDNTS	THOUS$	** COST OF SVCS, RES AND INSTR (THOUS$) ** TOTAL	ALL INSTR	FAC-SP	RESEARCH FAC-NS	SFT-OV	MISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP MODE	OFF-CAMP MODE		LANG SUB.
CHEMICAL ENGINEERING		3	60	6	6	6	0	0	0	0	0- 6	9	9	9	9	0
											1- 0	0	0	0	0	
	INSTL:	2	2	2	2	2	0	0	1	0	2- 3	0	0	0	0	
	INST:	2	2	2	2	2	0	0	1	0	3- 0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING		19	336	20	42	21	0	20	1	0	0- 17	26	25	22	22	0
											1- 0	0	0	1	3	
	INSTL:	17	17	10	15	14	0	2	1	0	2- 7	0	0	2	1	
	INST:	17	17	10	15	14	0	2	1	0	3- 2	0	1	1	1	
	(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING		51	1195	56	59	58	0	1	1	0	0- 22	41	41	37	37	0
											1- 2	0	1	2	3	
	INSTL:	36	35	23	28	28	0	2	1	0	2- 15	0	0	3	1	
	INST:	36	35	23	28	28	0	2	1	0	3- 3	1	0	0	1	
	(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING		37	1568	63	67	63	0	0	0	0	0- 14	28	26	24	24	0
											1- 1	0	0	3	3	
	INSTL:	24	24	16	19	19	0	1	0	0	2- 11	0	1	1	0	
	INST:	24	24	16	19	19	0	1	0	0	3- 2	0	1	0	1	
	(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES		1	15	1	1	1	0	0	0	0	0- 5	7	7	6	6	0
											1- 0	0	0	0	1	
	INSTL:	1	1	1	1	1	0	0	0	0	2- 2	0	0	1	0	
	INST:	1	1	1	1	1	0	0	0	0	3- 0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES		7	87	1	1	1	0	0	0	0	0- 6	11	11	11	11	
											1- 1	0	0	0	1	
	INSTL:	5	5	1	2	2	0	0	0	0	2- 4	1	1	1	0	
	INST:	5	5	1	2	2	0	0	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES		882	17271	2917	3022	3141	0	4	13	7	0- 46	97	93	85	85	3
											1- 11	2	2	11	10	
	INSTL:	102	102	90	91	91	1	4	5	4	2- 40	4	9	7	7	
	INST:	102	102	90	91	91	1	4	5	4	3- 8	2	1	2	3	
	(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS		114	4338	283	293	280	10	2	1	0	0- 24	57	57	51	51	0
											1- 9	1	1	8	12	
	INSTL:	58	59	42	44	44	1	3	2	0	2- 27	4	5	4	0	
	INST:	58	59	42	44	44	1	3	2	0	3- 3	1	0	0	2	
	(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY		1	20	0	0	0	0	0	0	0	0- 4	7	7	6	6	0
											1- 1	0	0	0	1	
	INSTL:	1	1	0	1	1	0	0	0	0	2- 2	0	0	0	0	
	INST:	1	1	0	1	1	0	0	0	0	3- 0	0	0	1	0	
	(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY		13	225	4	4	3	0	0	0	0	0- 6	15	15	13	13	0
											1- 3	0	0	2	3	
	INSTL:	10	10	4	7	6	0	0	1	0	2- 5	1	1	1	0	
	INST:	10	10	4	7	6	0	0	1	0	3- 2	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
PHYSICS		57	1067	25	27	25	0	0	1	1	0- 12	27	26	23	23	0
											1- 8	0	1	4	7	
	INSTL:	24	24	11	14	13	0	0	3	2	2- 9	1	2	1	1	
	INST:	24	24	11	14	13	0	0	3	2	3- 0	1	0	1	0	
	(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY		1	15	1	3	1	0	2	0	0	0- 6	10	10	10	10	0
											1- 0	0	0	0	0	
	INSTL:	1	1	1	3	1	0	2	0	0	2- 4	0	0	0	0	
	INST:	1	1	1	3	1	0	2	0	0	3- 0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
ECONOMICS		9	290	5	5	5	0	0	0	0	0- 6	12	11	10	10	0
											1- 1	0	0	1	3	
	INSTL:	5	6	3	3	3	0	0	0	0	2- 5	0	0	1	0	
	INST:	5	6	3	3	3	0	0	0	0	3- 0	0	1	0	0	
	(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES		19	362	17	31	17	0	0	0	0	0- 6	10	10	10	10	0
											1- 1	0	0	0	1	
	INSTL:	6	6	3	4	4	0	0	1	0	2- 4	1	1	1	0	
	INST:	6	6	3	4	4	0	0	1	0	3- 0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
EDUCATION		17	491	22	26	22	0	4	0	0	0- 6	11	10	10	10	0
											1- 1	0	0	1	1	
	INSTL:	4	4	2	4	2	0	2	0	0	2- 4	0	0	0	0	
	INST:	4	4	2	4	2	0	2	0	0	3- 0	0	1	0	0	
	(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE		341	8628	766	793	781	0	3	4	1	0- 33	74	72	65	65	0
											1- 8	2	1	8	10	
	INSTL:	76	77	56	62	62	0	2	2	1	2- 33	4	6	7	3	
	INST:	76	77	56	62	62	0	2	2	1	3- 7	1	2	1	2	
	(NUMBER REPORTING PER CATEGORY)															
ALL OTHER		40	991	120	135	133	0	0	2	0	0- 12	20	20	17	17	0
											1- 0	0	0	2	3	
	INSTL:	15	16	13	14	14	0	0	1	0	2- 9	1	0	2	1	
	INST:	15	16	13	14	14	0	0	1	0	3- 0	0	1	0	0	
	(NUMBER REPORTING PER CATEGORY)															

GROUP (PUBLIC) ASSOCIATE(2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 168 TOTAL NO. OF INSTAL REPORTING FORM2 = 111
TOTAL NUMBER OF INSTITUTIONS REPORTING = 122 TOTAL NUMBER OF INSTITUTIONS RPTNG FORM2 = 105

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 113 COLLEGE OR UNIV. 173 COMMERCIAL 14

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUS$	COST OF SVCS, RES AND INSTR (THOUS$) ** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	MISC	C REGL E COMP ACT.	OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING	3	102	6	7	6	0	1	0	0	0= 2	6	6	6	6	0
										1= 0	0	0	0	0	
INSTL:	3	3	2	4	3	0	1	0	0	2= 3	0	0	0	0	
INST:	3	3	2	4	3	0	1	0	0	3= 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	9	312	11	9	9	0	0	0	0	0= 4	7	8	8	8	0
										1= 0	2	0	1	2	
INSTL:	8	8	7	6	8	0	0	0	0	2= 3	0	2	0	1	
INST:	8	8	7	6	8	0	0	0	0	3= 4	2	1	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	44	1130	66	63	65	0	0	0	0	0= 8	0	10	14	14	0
										1= 1	4	1	2	1	
INSTL:	13	13	10	10	10	0	0	0	0	2= 4	0	4	0	1	
INST:	13	13	10	10	10	0	0	0	0	3= 3	3	1	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	73	2807	214	255	206	0	0	42	7	0= 20	32	32	32	32	0
										1= 1	2	0	3	3	
INSTL:	34	34	27	27	27	0	0	9	1	2= 12	1	4	2	1	
INST:	34	34	27	27	27	0	0	9	1	3= 4	2	1	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0= 2	4	4	4	4	0
										1= 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2= 1	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3= 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	3	88	0	0	0	0	0	0	0	0= 2	5	5	6	6	0
										1= 0	0	0	0	0	
INSTL:	1	1	0	0	0	0	0	0	0	2= 2	0	1	0	0	
INST:	1	1	0	0	0	0	0	0	0	3= 2	1	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	786	38868	3175	3381	3216	0	7	12	33	0= 40	78	74	67	67	0
										1= 6	5	1	7	5	
INSTL:	87	87	75	76	74	0	3	4	2	2= 42	0	11	11	11	
INST:	86	86	74	75	73	0	3	4	2	3= 9	4	1	2	2	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	92	3313	171	217	213	0	4	0	0	0= 27	44	45	40	40	0
										1= 4	1	0	6	6	
INSTL:	50	50	38	46	39	0	3	2	0	2= 10	4	0	5	3	
INST:	49	49	37	39	38	0	3	2	0	3= 10	2	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	0	0	0	0	0	0	0	0	0	0= 2	5	4	4	4	0
										1= 0	0	1	0	1	
INSTL:	0	0	0	0	0	0	0	0	0	2= 2	0	0	1	0	
INST:	0	0	0	0	0	0	0	0	0	3= 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	3	110	4	5	4	0	1	0	0	0= 3	8	6	6	6	0
										1= 1	0	0	2	1	
INSTL:	3	3	2	5	3	0	2	0	0	2= 2	0	0	0	0	
INST:	3	3	2	5	3	0	2	0	0	3= 2	0	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	27	840	34	47	40	0	4	2	1	0= 10	13	15	13	13	0
										1= 2	1	0	3	2	
INSTL:	12	12	7	8	7	0	1	1	1	2= 3	2	2	1	1	
INST:	12	12	7	8	7	0	1	1	1	3= 2	1	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	3	209	9	10	9	0	5	0	0	0= 2	4	6	6	6	0
										1= 0	0	0	1	1	
INSTL:	3	3	1	3	1	0	2	0	0	2= 3	0	1	0	0	
INST:	3	3	1	3	1	0	2	0	0	3= 2	1	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	3	155	8	8	8	0	0	0	0	0= 3	7	7	7	7	0
										1= 1	0	0	0	0	
INSTL:	2	2	2	2	2	0	0	0	0	2= 2	0	0	0	0	
INST:	2	2	2	2	2	0	0	0	0	3= 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	4	320	3	3	3	0	0	0	0	0= 3	7	7	6	6	0
										1= 0	0	0	0	1	
INSTL:	2	2	1	1	1	0	0	0	0	2= 2	0	0	1	0	
INST:	2	2	1	1	1	0	0	0	0	3= 2	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	0	0	0	0	0	0	0	0	0	0= 1	3	3	3	3	0
										1= 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2= 1	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3= 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	199	11927	584	581	575	0	5	1	0	0= 24	44	43	39	39	0
										1= 2	1	0	3	5	
INSTL:	44	45	32	35	34	0	2	2	1	2= 14	1	5	4	4	
INST:	44	45	32	35	34	0	2	2	1	3= 8	2	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	24	702	19	117	15	0	3	10	24	0= 7	14	15	14	14	0
										1= 0	0	0	2	1	
INSTL:	12	12	7	10	8	0	2	4	4	2= 7	1	2	1	1	
INST:	12	12	7	10	8	0	2	4	4	3= 3	2	0	0	0	
(NUMBER REPORTING PER CATEGORY)															

GROUP (PUBLIC) ASSOCIATE)10000-19999)

TOTAL NUMBER OF INSTITUTIONS = 20 TOTAL NO. OF INSTAL REPORTING FORM2 = 16
TOTAL NUMBER OF INSTITUTIONS REPORTING = 18 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 15

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 0) COLLEGE OR UNIV. 2) COMMERCIAL 0

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** COURSES	** GRAD STDNTS	AND UNDGR ** THOUSD	TOTAL	** COST OF SVCS, RES AND INSTR (THOUSD)** ALL INSTR	FAC-SP	FAC-NS	RESEARCH SFT-DV	HISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUM.
CHEMICAL ENGINEERING	0	0	0	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	0	0	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	0	0	0	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	0	0	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	1	15	0	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	1	1	0	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	1	1	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	5	260	18	18	16	0	0	0	0	0- 0	2	0	3	3	0
										1- 0	1	0	0	0	
INSTL:	2	2	2	2	2	0	0	0	0	2- 1	0	3	0	0	
INST:	2	2	2	2	2	0	0	0	0	3- 2	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	0	0	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	2	100	0	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	1	1	0	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	1	1	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	90	10163	959	1004	968	24	8	3	0	0- 3	9	7	9	9	0
										1- 1	2	0	1	0	
INSTL:	10	10	9	9	9	1	2	1	0	2- 6	0	4	1	1	
INST:	10	10	9	9	9	1	2	1	0	3- 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	17	1437	71	83	71	11	1	0	0	0- 3	9	6	9	9	0
										1- 0	0	0	0	0	
INSTL:	8	8	7	8	7	2	1	0	0	2- 4	0	3	0	0	
INST:	8	8	7	8	7	2	1	0	0	3- 2	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	0	0	0	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	0	0	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	1	50	0	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	1	1	0	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	1	1	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	3	200	7	8	7	2	0	0	0	0- 2	3	2	3	3	0
										1- 0	0	0	0	0	
INSTL:	2	2	1	2	1	1	0	0	0	2- 1	0	1	0	0	
INST:	2	2	1	2	1	1	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	0	0	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	2	200	0	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	1	1	0	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	1	1	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	0	0	0	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	0	0	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	0	0	0	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	0	0	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	65	6040	291	291	291	0	0	0	0	0- 4	9	8	7	7	0
										1- 0	1	0	1	0	
INSTL:	10	10	9	9	9	0	1	0	0	2- 6	0	2	2	3	
INST:	10	10	9	9	9	0	1	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	0	100	25	0	0	0	0	0	0	0- 0	1	0	1	1	0
										1- 0	0	0	0	0	
INSTL:	0	1	1	0	0	0	0	0	0	2- 1	0	1	0	0	
INST:	0	1	1	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PUBLIC) BACHELORS)500-2499)

TOTAL NUMBER OF INSTITUTIONS * 78 TOTAL NO. OF INSTAL REPORTING FORM2 * 37
TOTAL NUMBER OF INSTITUTIONS REPORTING * 60 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 * 36

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 43 COLLEGE OR UNIV. 133 COMMERCIAL 4

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD COURSES	AND UNDGR ** STDNTS	THOUSB	** COST OF SVCS, RES AND INSTR (THOUSB)** TOTAL	ALL INSTR	****** FAC-SP	RESEARCH FAC-NS	SFT-DV	****** DISC	C REGL D COMP E ACT.	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING	0	0	0	0	0	0	0	0	0	0- 0	1	1	1	1	0
										1- 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2- 1	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	39	603	16	16	16	0	0	0	0	0- 0	5	5	5	5	0
										1- 1	1	0	1	1	
INSTL:	6	6	4	4	4	0	0	0	0	2- 4	0	0	0	0	
INST:	6	6	4	4	4	0	0	0	0	3- 1	0	1	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	35	417	29	46	43	1	2	1	0	0- 2	5	5	3	3	0
										1- 2	0	0	2	1	
INSTL:	5	4	4	4	4	1	2	1	0	2- 1	0	0	0	0	
INST:	5	4	4	4	4	1	2	1	0	3- 0	0	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	44	485	17	24	16	4	4	0	0	0- 3	7	7	6	6	0
										1- 1	0	0	1	1	
INSTL:	7	6	5	5	5	1	1	1	0	2- 2	0	0	0	0	
INST:	7	6	5	5	5	1	1	1	0	3- 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	7	278	4	7	4	0	4	0	0	0- 1	4	4	4	4	0
										1- 0	0	0	0	0	
INSTL:	2	2	2	2	2	0	2	0	0	2- 2	0	0	0	0	
INST:	2	2	2	2	2	0	2	0	0	3- 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	7	57	1	86	1	75	5	5	0	0- 5	9	9	8	8	0
										1- 1	0	0	1	1	
INSTL:	5	4	1	5	2	1	4	1	0	2- 3	0	1	0	1	
INST:	5	4	1	5	2	1	4	1	0	3- 1	1	0	1	0	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	75	3187	287	307	299	0	7	0	0	0- 4	16	16	12	12	0
										1- 6	0	0	4	3	
INSTL:	16	16	14	14	14	0	2	0	0	2- 3	1	1	0	2	
INST:	16	16	14	14	14	0	2	0	0	3- 4	0	0	1	0	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	66	3918	57	85	79	0	6	1	0	0- 11	24	24	17	17	0
										1- 8	0	0	6	5	
INSTL:	23	22	13	16	16	0	3	1	0	2- 3	0	0	1	2	
INST:	23	22	13	16	16	0	3	1	0	3- 2	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	0	0	0	0	0	0	0	0	0	0- 0	2	2	1	1	0
										1- 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2- 1	0	0	0	1	
INST:	0	0	0	0	0	0	0	0	0	3- 1	0	0	1	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	25	505	10	17	10	0	8	0	0	0- 2	11	11	8	8	0
										1- 2	0	0	2	2	
INSTL:	8	7	6	8	6	0	5	0	0	2- 4	0	0	0	1	
INST:	8	7	6	8	6	0	5	0	0	3- 2	0	0	1	0	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	33	1049	18	74	18	51	6	0	0	0- 7	13	13	11	11	0
										1- 3	0	0	2	2	
INSTL:	10	10	8	11	9	3	2	0	0	2- 2	1	1	1	0	
INST:	10	10	8	11	9	3	2	0	0	3- 2	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	9	67	1	11	1	0	11	0	0	0- 3	9	9	7	7	0
										1- 1	0	0	1	1	
INSTL:	6	6	1	4	3	0	3	0	0	2- 3	0	0	0	1	
INST:	6	6	1	4	3	0	3	0	0	3- 2	0	0	1	0	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	14	145	11	12	11	1	0	0	0	0- 6	9	9	5	5	0
										1- 1	0	0	2	4	
INSTL:	7	7	3	5	5	1	0	0	0	2- 2	0	0	2	0	
INST:	7	7	3	5	5	1	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	12	121	2	4	2	1	1	1	0	0- 1	4	4	4	4	0
										1- 0	0	0	0	0	
INSTL:	3	3	1	2	1	1	1	1	0	2- 2	0	0	0	0	
INST:	3	3	1	2	1	1	1	1	0	3- 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	7	162	2	13	2	0	12	0	0	0- 3	9	8	8	8	0
										1- 0	0	1	1	0	
INSTL:	4	3	2	5	2	0	4	0	0	2- 4	0	0	0	1	
INST:	4	3	2	5	2	0	4	0	0	3- 2	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	42	993	17	16	16	0	0	0	0	0- 6	13	13	8	8	0
										1- 0	0	0	2	2	
INSTL:	12	11	8	8	7	0	0	0	0	2- 4	0	0	1	2	
INST:	12	11	8	8	7	0	0	0	0	3- 3	0	0	2	1	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	7	142	6	15	6	2	4	4	0	0- 2	7	7	5	5	0
										1- 1	0	0	0	1	
INSTL:	4	4	3	5	4	1	2	2	0	2- 1	0	0	1	1	
INST:	4	4	3	5	4	1	2	2	0	3- 3	0	0	1	0	
(NUMBER REPORTING PER CATEGORY)															

GROUP (PUBLIC) BACHELORS)2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 26 TOTAL NO. OF INSTAL REPORTING FORM2 = 15
TOTAL NUMBER OF INSTITUTIONS REPORTING = 18 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 13

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 2) COLLEGE OR UNIV. 2) COMMERCIAL 3

ACADEMIC FIELDS AND DISCIPLINES		STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUS$	** COST OF SVCS, RES AND INSTR (THOUS$)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-OV	MISC	C REGL E ACT.	COMP	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING		0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0
											1*	0	0	0	0	0	
	INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	0	
	INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
CIVIL ENGINEERING		11	505	5	6	5	0	0	0	0	0*	1	1	1	1	1	0
											1*	0	0	0	0	1	
	INSTL:	2	2	1	1	1	1	1	0	1	2*	1	1	1	1	0	
	INST:	2	2	1	1	1	1	1	0	1	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ELECTRICAL ENGINEERING		11	1531	23	29	23	0	0	6	0	0*	3	4	4	4	4	0
											1*	0	0	0	0	2	
	INSTL:	6	6	4	5	5	0	1	1	0	2*	3	2	2	2	0	
	INST:	5	5	3	4	4	0	1	1	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
OTHER ENGINEERING		24	1563	152	170	156	6	3	4	1	0*	3	3	3	4	4	0
											1*	0	1	0	0	2	
	INSTL:	6	5	4	4	4	1	1	1	1	2*	3	2	2	2	0	
	INST:	5	4	3	3	3	1	1	1	1	3*	0	0	1	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ENVIRONMENTAL SCIENCES		0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0
											1*	0	0	0	0	0	
	INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	0	
	INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
LIFE SCIENCES		0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0
											1*	0	0	0	0	0	
	INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	0	
	INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
COMPUTER SCIENCES		46	4989	327	331	327	0	3	0	1	0*	3	5	5	2	2	0
											1*	3	0	0	1	3	
	INSTL:	6	6	4	4	4	0	1	0	1	2*	0	1	1	3	1	
	INST:	6	6	4	4	4	0	1	0	1	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
MATHEMATICS AND STATISTICS		38	4244	140	147	140	1	5	1	1	0*	7	10	10	9	9	0
											1*	2	1	0	1	2	
	INSTL:	13	13	9	9	9	1	2	1	1	2*	4	2	2	3	1	
	INST:	13	13	9	9	9	1	2	1	1	3*	0	0	1	0	1	
	(NUMBER REPORTING PER CATEGORY)																
ASTRONOMY		0	0	0	1	0	1	1	0	0	0*	1	1	1	1	1	0
											1*	0	0	0	0	0	
	INSTL:	0	0	0	1	0	1	1	0	0	2*	0	0	0	0	0	
	INST:	0	0	0	1	0	1	1	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
CHEMISTRY		11	614	92	102	10	0	1	9	0	0*	2	3	3	4	4	0
											1*	1	0	0	0	0	
	INSTL:	4	3	2	2	2	0	1	1	0	2*	1	1	1	0	0	
	INST:	4	3	2	2	2	0	1	1	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
PHYSICS		16	3058	94	108	25	2	2	7	1	0*	4	5	5	5	5	0
											1*	1	1	0	0	2	
	INSTL:	6	5	3	4	3	2	2	1	1	2*	1	1	1	2	0	
	INST:	5	4	2	3	2	2	2	1	1	3*	1	0	1	0	0	
	(NUMBER REPORTING PER CATEGORY)																
PSYCHOLOGY		2	45	24	24	24	0	0	0	0	0*	1	2	2	2	2	0
											1*	0	0	0	0	0	
	INSTL:	2	1	1	1	1	0	0	0	0	2*	1	0	0	0	0	
	INST:	2	1	1	1	1	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ECONOMICS		7	1031	21	22	20	0	1	0	1	0*	1	3	3	4	4	0
											1*	1	1	0	0	1	
	INSTL:	5	3	4	4	4	0	1	0	1	2*	3	1	1	1	0	
	INST:	4	0	3	3	3	0	1	0	1	3*	0	0	1	0	0	
	(NUMBER REPORTING PER CATEGORY)																
OTHER SOCIAL SCIENCES		4	63	80	90	80	0	0	10	0	0*	0	2	2	2	2	0
											1*	0	0	0	0	0	
	INSTL:	2	2	2	2	2	0	0	1	0	2*	2	0	0	0	0	
	INST:	2	2	2	2	2	0	0	1	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
EDUCATION		0	0	5	5	5	0	0	0	0	0*	1	1	1	1	1	0
											1*	0	0	0	0	0	
	INSTL:	0	0	1	1	1	0	0	0	0	2*	0	0	0	0	0	
	INST:	0	0	1	1	1	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
BUSINESS AND COMMERCE		52	3606	78	89	83	1	3	0	2	0*	7	11	11	8	8	0
											1*	1	0	0	1	2	
	INSTL:	12	12	9	9	9	1	3	0	2	2*	4	1	1	3	2	
	INST:	12	12	9	9	9	1	3	0	2	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ALL OTHER		3	52	2	2	2	0	0	0	0	0*	0	1	1	1	1	0
											1*	0	0	0	0	0	
	INSTL:	1	1	1	1	1	0	0	0	0	2*	0	0	0	0	0	
	INST:	1	1	1	1	1	0	0	0	0	3*	1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PUBLIC) MASTERS) 500-2499 1

TOTAL NUMBER OF INSTITUTIONS * 46 TOTAL NO. OF INSTAL REPORTING FORM2 * 28
TOTAL NUMBER OF INSTITUTIONS REPORTING * 37 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 * 28

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 0; COLLEGE OR UNIV. 8; COMMERCIAL 1

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE NR ** GRAD AND UNDGR ** COURSES	STDNTS	THOUS$	TOTAL	** COST OF SVCS, RES AND INSTR (THOUS$)** ALL INSTR	FAC-SP	RESEARCH FAC-NS	SFT-DV	MISC	C REGL D COMP E ACT.	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING	5	0	0	0	0	0	0	0	0	0*	1	1	1	1	0
INSTL:	1	0	0	0	0	0	0	0	0	1*	0	0	0	0	
INST:	1	0	0	0	0	0	0	0	0	2*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)										3*	0	0	0	0	
CIVIL ENGINEERING	15	88	3	4	3	0	1	0	0	0*	1	2	2	1	1	0
INSTL:	2	1	1	1	1	0	1	0	0	1*	1	0	0	1	0
INST:	2	1	1	1	1	0	1	0	0	2*	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)										3*	0	0	0	0	1
ELECTRICAL ENGINEERING	21	270	10	12	10	0	2	0	0	0*	2	3	3	2	2	0
INSTL:	3	2	1	1	1	0	1	0	0	1*	1	0	0	1	0
INST:	3	2	1	1	1	0	1	0	0	2*	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)										3*	0	0	0	0	1
OTHER ENGINEERING	39	399	8	10	9	0	1	0	0	0*	5	6	6	5	5	0
INSTL:	5	4	2	2	2	1	2	0	0	1*	0	0	0	1	0
INST:	5	4	2	2	2	1	2	0	0	2*	1	0	0	0	0
(NUMBER REPORTING PER CATEGORY)										3*	0	0	0	0	0
ENVIRONMENTAL SCIENCES	0	0	0	2	0	1	1	0	0	0*	2	2	2	2	2	0
INSTL:	0	0	0	1	0	1	1	0	0	1*	0	0	0	0	0
INST:	0	0	0	1	0	1	1	0	0	2*	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)										3*	0	0	0	0	0
LIFE SCIENCES	1	30	6	8	7	0	45	10	5	0*	6	5	4	5	5	0
INSTL:	1	1	1	3	2	0	2	1	1	1*	0	0	0	0	0
INST:	1	1	1	3	2	0	3	1	1	2*	1	0	1	0	0
(NUMBER REPORTING PER CATEGORY)										3*	0	0	0	0	0
COMPUTER SCIENCES	85	2439	323	345	323	5	13	5	0	0*	7	15	14	12	12	0
INSTL:	15	14	10	11	11	1	3	1	0	1*	2	0	0	3	1
INST:	15	14	10	11	11	1	3	1	0	2*	4	0	1	0	0
(NUMBER REPORTING PER CATEGORY)										3*	2	0	0	0	2
MATHEMATICS AND STATISTICS	58	1670	95	105	97	1	7	0	0	0*	13	19	18	15	15	0
INSTL:	17	17	11	12	11	1	5	0	0	1*	0	0	0	3	0
INST:	17	17	11	12	11	1	5	0	0	2*	5	0	1	1	2
(NUMBER REPORTING PER CATEGORY)										3*	1	0	0	0	1
ASTRONOMY	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0
INSTL:	0	0	0	0	0	0	0	0	0	1*	0	0	0	0	0
INST:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)										3*	0	0	0	0	0
CHEMISTRY	6	35	0	3	2	0	1	0	0	0*	2	5	4	4	4	0
INSTL:	2	3	0	1	1	0	1	0	0	1*	0	0	0	1	0
INST:	2	3	0	1	1	0	1	0	0	2*	2	0	1	0	0
(NUMBER REPORTING PER CATEGORY)										3*	1	0	0	0	1
PHYSICS	11	142	2	7	4	0	3	0	0	0*	2	7	6	6	6	0
INSTL:	4	4	2	5	3	0	4	0	0	1*	0	0	0	1	0
INST:	4	4	2	5	3	0	4	0	0	2*	4	0	1	0	0
(NUMBER REPORTING PER CATEGORY)										3*	1	0	0	0	1
PSYCHOLOGY	5	160	13	17	13	0	2	2	0	0*	3	6	5	6	6	0
INSTL:	3	3	3	5	3	0	3	1	0	1*	0	0	0	0	0
INST:	3	3	3	5	3	0	3	1	0	2*	3	0	1	0	0
(NUMBER REPORTING PER CATEGORY)										3*	0	0	0	0	0
ECONOMICS	7	125	6	15	8	0	7	0	0	0*	1	4	5	4	4	0
INSTL:	3	3	2	4	3	0	3	0	0	1*	0	0	0	2	0
INST:	3	3	2	4	3	0	3	0	0	2*	5	0	1	0	0
(NUMBER REPORTING PER CATEGORY)										3*	0	0	0	0	2
OTHER SOCIAL SCIENCES	4	49	2	4	3	0	1	0	0	0*	0	3	2	2	2	0
INSTL:	3	3	2	3	3	0	1	0	0	1*	0	0	0	1	0
INST:	3	3	2	3	3	0	1	0	0	2*	3	0	1	0	0
(NUMBER REPORTING PER CATEGORY)										3*	0	0	0	0	1
EDUCATION	0	0	0	7	0	0	7	0	0	0*	1	5	4	4	4	0
INSTL:	0	0	0	3	0	0	3	0	0	1*	0	0	0	1	0
INST:	0	0	0	3	0	0	3	0	0	2*	2	0	1	0	0
(NUMBER REPORTING PER CATEGORY)										3*	2	0	0	0	1
BUSINESS AND COMMERCE	33	920	275	283	276	0	4	0	1	0*	5	10	9	9	9	0
INSTL:	10	9	7	7	7	0	5	0	2	1*	1	0	0	1	0
INST:	10	9	7	7	7	0	5	0	2	2*	2	0	1	0	0
(NUMBER REPORTING PER CATEGORY)										3*	2	0	0	0	1
ALL OTHER	26	135	3	21	3	0	10	6	2	0*	6	6	6	6	6	0
INSTL:	3	2	1	3	1	0	1	1	1	1*	0	0	0	0	0
INST:	3	2	1	3	1	0	1	1	1	2*	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)										3*	0	0	0	0	0

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PUBLIC) MASTERS) 2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 185 TOTAL NO. OF INSTAL REPORTING FORM2 = 114
TOTAL NUMBER OF INSTITUTIONS REPORTING = 117 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 107

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 5) COLLEGE OR UNIV. 27) COMMERCIAL 6

ACADEMIC FIELDS AND DISCIPLINES	** STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUSS	** COST OF SVCS, RES AND INSTR (THOUSS)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	MISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON- CAMP	MODE	OFF- CAMP	MODE	LANG SHW.
CHEMICAL ENGINEERING	5	65	1	5	3	0	2	0	0	0= 6	10	9	11	11	0
										1= 0	0	0	0	0	
INSTL:	2	2	1	3	3	0	1	0	0	2= 4	1	2	0	0	
INST:	2	2	1	3	3	0	1	0	0	3= 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	45	1220	44	90	48	0	42	0	1	0= 11	17	17	18	18	0
										1= 0	0	0	0	0	
INSTL:	11	10	10	9	9	0	4	0	1	2= 5	1	1	0	0	
INST:	11	10	10	9	9	0	4	0	1	3= 2	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	44	1043	56	91	67	1	19	1	2	0= 11	17	16	18	18	0
										1= 0	1	0	1	1	
INSTL:	12	11	10	12	12	1	6	2	2	2= 5	1	3	0	0	
INST:	12	11	10	12	12	1	6	2	2	3= 3	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	102	3438	233	318	253	12	52	0	0	0= 14	21	20	26	26	0
										1= 2	3	1	2	1	
INSTL:	20	19	18	20	20	3	11	1	1	2= 5	4	7	0	1	
INST:	19	18	17	19	19	2	10	1	1	3= 7	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	23	916	31	62	41	1	15	3	6	0= 12	23	22	26	26	0
										1= 0	0	1	1	1	
INSTL:	10	10	5	14	9	2	10	4	1	2= 6	4	3	0	0	
INST:	10	10	5	14	9	2	10	4	1	3= 9	0	1	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	28	349	13	35	15	0	13	2	0	0= 15	29	30	29	29	0
										1= 2	2	0	6	3	
INSTL:	16	16	9	21	12	0	11	5	1	2= 8	4	3	0	1	
INST:	16	16	9	21	12	0	11	5	1	3= 10	0	2	0	2	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	410	17950	1217	1333	1223	1	72	29	10	0= 27	55	52	57	57	0
										1= 11	3	1	6	6	
INSTL:	62	60	51	51	51	2	17	10	4	2= 17	5	8	1	1	
INST:	62	60	51	51	51	2	17	10	4	3= 10	2	4	1	1	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	292	14555	670	841	737	12	60	28	6	0= 41	79	76	82	82	0
										1= 17	5	1	10	7	
INSTL:	84	82	67	78	71	3	20	10	6	2= 18	12	16	2	3	
INST:	84	82	67	77	70	3	20	10	6	3= 40	0	3	2	4	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	4	30	0	4	0	0	4	0	0	0= 5	10	11	13	13	0
										1= 0	1	0	1	0	
INSTL:	3	3	0	2	1	0	1	0	0	2= 5	3	2	0	0	
INST:	3	3	0	2	1	0	1	0	0	3= 4	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	83	1961	56	133	96	5	64	6	3	0= 23	45	43	43	43	0
										1= 4	3	1	0	5	
INSTL:	31	30	20	40	26	2	23	4	4	2= 14	7	8	2	2	
INST:	31	30	20	40	26	2	23	4	4	3= 14	0	3	1	4	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	99	2614	65	151	78	20	45	4	4	0= 26	50	47	51	51	0
										1= 5	5	0	11	5	
INSTL:	44	45	25	48	38	4	20	4	4	2= 17	9	14	1	2	
INST:	44	45	25	48	38	4	20	4	4	3= 16	0	3	1	5	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	45	1478	31	169	45	1	115	1	7	0= 18	33	31	34	34	0
										1= 2	3	1	8	5	
INSTL:	21	22	11	28	16	1	15	4	3	2= 11	6	8	0	2	
INST:	21	22	11	28	16	1	15	4	3	3= 12	1	3	1	2	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	58	1400	39	50	40	0	5	0	5	0= 13	29	29	27	27	0
										1= 3	2	0	5	4	
INSTL:	19	19	13	18	16	0	8	0	1	2= 9	3	3	1	2	
INST:	19	19	13	18	16	0	8	0	1	3= 9	0	2	1	1	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	61	1590	38	132	43	18	68	2	4	0= 18	38	34	37	37	0
										1= 2	1	1	5	3	
INSTL:	26	26	15	29	20	2	14	3	3	2= 11	5	6	0	1	
INST:	26	26	15	29	20	2	14	3	3	3= 11	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	70	2806	43	100	44	2	38	12	9	0= 41	47	44	45	45	0
										1= 4	1	1	7	5	
INSTL:	29	28	14	33	19	1	21	6	4	2= 14	7	8	1	2	
INST:	29	28	14	33	19	1	21	6	4	3= 17	1	3	3	4	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	297	18026	835	928	848	12	35	35	5	0= 37	62	60	66	66	0
										1= 6	3	1	7	2	
INSTL:	68	65	54	59	55	4	18	8	5	2= 19	10	14	1	2	
INST:	68	65	54	59	55	4	18	8	5	3= 15	2	2	3	6	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	105	2040	65	232	171	0	34	10	16	0= 18	37	32	37	37	0
										1= 0	0	1	3	2	
INSTL:	22	22	17	30	22	0	17	4	3	2= 10	4	8	0	1	
INST:	22	22	17	30	22	0	17	4	3	3= 13	0	0	1	1	
(NUMBER REPORTING PER CATEGORY)															

GROUP (PUBLIC) MASTERS) 10000-19999)

TOTAL NUMBER OF INSTITUTIONS = 24 TOTAL NO. OF INSTAL REPORTING FORM2 = 24
TOTAL NUMBER OF INSTITUTIONS REPORTING = 20 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 17

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 13 COLLEGE OR UNIV. 53 COMMERCIAL 1

ACADEMIC FIELDS AND DISCIPLINES		** GRAD AND UNDGR ** COURSES	STDNTS	THOUSD	** COST OF SVCS, RES AND INSTR (THOUSD)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-CV	DISC	C REVL E COMP ACT.	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING		30	343	23	201	27	1	173	0	0	0-	1	5	5	6	6	0
											1-	0	1	0	0	0	
	INSTL:	5	5	3	5	5	1	3	0	0	2-	2	0	1	0	1	
	INST:	4	4	3	4	4	1	3	0	0	3-	3	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
CIVIL ENGINEERING		51	1211	52	90	55	5	24	5	2	0-	3	8	6	9	9	0
											1-	0	0	0	1	1	
	INSTL:	7	7	6	7	7	1	5	2	3	2-	2	1	2	0	0	
	INST:	7	7	6	7	7	1	5	2	3	3-	5	1	0	0	1	
	(NUMBER REPORTING PER CATEGORY)																
ELECTRICAL ENGINEERING		54	1178	47	79	48	7	15	8	3	0-	3	7	7	9	9	0
											1-	0	2	0	1	2	
	INSTL:	10	10	8	10	10	1	4	2	2	2-	3	1	4	1	1	
	INST:	8	8	6	8	8	1	5	2	2	3-	5	1	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
OTHER ENGINEERING		194	6997	329	429	332	5	84	4	5	0-	2	10	10	9	9	0
											1-	0	0	0	2	1	
	INSTL:	10	10	10	10	10	1	7	3	2	2-	4	0	1	0	1	
	INST:	10	10	10	10	10	1	7	3	2	3-	5	1	0	0	1	
	(NUMBER REPORTING PER CATEGORY)																
ENVIRONMENTAL SCIENCES		28	445	5	20	5	0	13	0	2	0-	3	10	10	10	10	0
											1-	1	0	0	1	1	
	INSTL:	4	4	2	7	4	0	5	0	2	2-	3	0	1	0	0	
	INST:	4	4	2	7	4	0	5	0	2	3-	4	1	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
LIFE SCIENCES		12	717	46	58	46	0	12	0	0	0-	4	10	9	10	10	0
											1-	0	0	0	1	1	
	INSTL:	5	5	3	5	3	0	2	1	0	2-	3	0	1	0	2	
	INST:	5	5	3	5	3	0	2	1	0	3-	4	1	1	0	0	
	(NUMBER REPORTING PER CATEGORY)																
COMPUTER SCIENCES		147	10337	878	659	529	2	16	8	1	0-	7	12	11	13	13	0
											1-	1	1	0	2	1	
	INSTL:	15	15	13	13	13	1	4	2	1	2-	3	1	3	0	1	
	INST:	15	15	13	13	13	1	4	2	1	3-	4	1	1	0	2	
	(NUMBER REPORTING PER CATEGORY)																
MATHEMATICS AND STATISTICS		79	2398	162	310	163	0	142	4	0	0-	8	16	14	14	14	0
											1-	1	0	0	3	4	
	INSTL:	18	18	14	16	15	1	9	2	1	2-	4	2	4	2	2	
	INST:	17	17	13	15	14	1	8	2	1	3-	6	1	1	0	1	
	(NUMBER REPORTING PER CATEGORY)																
ASTRONOMY		6	138	4	6	4	0	2	0	0	0-	2	6	4	5	5	0
											1-	0	0	0	1	0	
	INSTL:	4	4	3	3	3	0	1	0	0	2-	1	0	1	0	2	
	INST:	4	4	3	3	3	0	1	0	0	3-	3	0	1	0	1	
	(NUMBER REPORTING PER CATEGORY)																
CHEMISTRY		33	1343	40	165	41	2	107	0	15	0-	5	13	12	12	12	0
											1-	1	0	0	1	3	
	INSTL:	13	13	8	12	9	1	5	3	2	2-	4	1	2	1	0	
	INST:	12	12	7	11	8	1	8	3	2	3-	5	1	1	1	2	
	(NUMBER REPORTING PER CATEGORY)																
PHYSICS		31	647	55	124	56	4	61	2	1	0-	6	12	11	11	11	0
											1-	1	0	0	3	2	
	INSTL:	12	12	7	10	8	2	6	2	2	2-	4	1	3	1	1	
	INST:	11	11	6	9	7	2	7	2	2	3-	4	2	1	0	2	
	(NUMBER REPORTING PER CATEGORY)																
PSYCHOLOGY		94	3391	226	267	234	22	52	12	2	0-	5	12	11	13	13	0
											1-	0	1	0	2	1	
	INSTL:	12	12	9	13	10	3	10	5	1	2-	5	0	3	0	1	
	INST:	12	12	9	12	10	3	9	5	1	3-	5	2	1	0	1	
	(NUMBER REPORTING PER CATEGORY)																
ECONOMICS		15	407	24	42	25		13	2	2	0-	2	9	7	8	8	0
											1-	0	0		2	1	
	INSTL:	7	7	5	8	4	0	7	2	2	2-	3	0		0	2	
	INST:	7	7	5	8	4	0	7	2	2	3-	5	1	1	0	1	
	(NUMBER REPORTING PER CATEGORY)																
OTHER SOCIAL SCIENCES		32	1379	81	240	93	10	127	3	0	0-	5	14	13	14	14	0
											1-	0	0	0	1	1	
	INSTL:	10	10	8	12	8	2	6	4	1	2-	5	0	1	0	1	
	INST:	10	10	8	12	8	2	6	4	1	3-	5	1	1	0	1	
	(NUMBER REPORTING PER CATEGORY)																
EDUCATION		32	1482	54	111	62	1	46	1	2	0-	5	13	11	11	11	0
											1-	0	0	0	3	1	
	INSTL:	12	12	8	11	9	2	9	2	2	2-	4	0	2	0	3	
	INST:	12	12	8	11	9	2	9	2	2	3-	5	1	1	0	1	
	(NUMBER REPORTING PER CATEGORY)																
BUSINESS AND COMMERCE		235	12587	539	624	543	0	63	11	5	0-	9	17	16	18	18	0
											1-	0	0	0	0	0	
	INSTL:	18	18	16	16	16	1	4	4	1	2-	6	1	1	0	1	
	INST:	18	18	16	16	16	1	4	4	1	3-	3	0	1	0	1	
	(NUMBER REPORTING PER CATEGORY)																
ALL OTHER		18	680	52	75	53	0	21	0	0	0-	4	11	10	10	10	0
											1-	0	0	0	2	1	
	INSTL:	5	5	6	11	7	0	8	3	2	2-	3	0	2	0	2	
	INST:	5	5		11	7	0	8	3	2	3-	5	1	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PUBLIC) MASTERS) ABOVE 20000)

TOTAL NUMBER OF INSTITUTIONS = 4 TOTAL NO. OF INSTAL REPORTING FORM2 = 4
TOTAL NUMBER OF INSTITUTIONS REPORTING = 4 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 4

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: 1) COOP, OR NON-PROFIT 2) COLLEGE OR UNIV. 3) COMMERCIAL 1

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD COURSES	AND UNDGR ** STDNTS	THOUS$	** COST OF SVCS, RES TOTAL	ALL INSTR	AND INSTR (THOUS$)** FAC-SP	RESEARCH FAC-HRS	SFT-GV	MISC	C HEGL O COMP E ACT,	** OTHR COMP USE ** ON- CAMP	MODE	OFF- CAMP	MODE	LANG SUB,
CHEMICAL ENGINEERING	7	88	3	7	4	0	3	0	0	0= 1 1= 1	1	1	1	1	0
INSTL:	2	2	1	2	1	0	2	0	0	2= 0	1	0	0	0	
INST:	2	2	1	2	1	0	2	0	0	3= 0	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	21	399	18	23	20	1	2	0	0	0= 1 1= 1	2	1	1	1	0
INSTL:	3	3	3	3	3	1	1	0	0	2= 0	1	0	0	0	
INST:	3	3	3	3	3	1	1	0	0	3= 1	0	2	1	1	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	30	515	26	38	30	0	8	0	0	0= 1 1= 0	1	1	1	1	0
INSTL:	2	2	1	2	1	0	2	0	0	2= 1	1	0	0	0	
INST:	2	2	1	2	1	0	2	0	0	3= 0	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	13	940	19	23	20	0	3	0	0	0= 1 1= 0	1	1	1	1	0
INSTL:	2	2	2	2	2	0	2	0	0	2= 1	1	0	0	0	
INST:	2	2	2	2	2	0	2	0	0	3= 0	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	0	0	0	7	0	0	4	1	0	0= 1 1= 1	3	3	2	2	0
INSTL:	0	0	0	2	0	0	2	1	0	2= 0	0	0	1	0	
INST:	0	0	0	2	0	0	2	1	0	3= 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	4	25	1	6	3	0	3	0	0	0= 1 1= 1	3	2	1	1	1
INSTL:	2	2	1	3	1	0	3	0	0	2= 0	1	1	2	0	
INST:	2	2	1	3	1	0	3	0	0	3= 2	0	1	0	2	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	0	0	0	0	0	0	0	0	0	0= 0 1= 0	1	1	1	1	0
INSTL:	0	0	0	0	0	0	0	0	0	2= 1	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3= 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	14	1292	22	34	25	3	7	0	0	0= 1 1= 0	2	2	2	2	0
INSTL:	4	4	4	4	4	3	3	0	0	2= 1	2	1	1	1	
INST:	4	4	4	4	4	3	3	0	0	3= 2	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	0	0	0	0	0	0	0	0	0	0= 1 1= 0	2	2	2	2	0
INSTL:	0	0	0	0	0	0	0	0	0	2= 1	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3= 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	7	340	7	12	10	0	2	0	0	0= 1 1= 1	3	2	0	0	0
INSTL:	3	3	3	3	3	0	3	0	0	2= 0	1	1	2	2	
INST:	3	3	3	3	3	0	3	0	0	3= 2	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	11	167	3	22	6	0	16	0	0	0= 1 1= 0	3	2	1	1	0
INSTL:	3	3	1	4	2	0	4	0	0	2= 1	1	1	1	2	
INST:	3	3	1	4	2	0	4	0	0	3= 2	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	8	103	3	11	5	2	4	0	0	0= 1 1= 0	2	1	1	1	0
INSTL:	3	3	1	4	2	1	3	0	0	2= 1	2	2	2	1	
INST:	3	3	1	4	2	1	3	0	0	3= 2	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	3	63	2	7	3	0	4	0	0	0= 1 1= 0	3	2	2	2	0
INSTL:	2	2	1	4	1	0	4	0	0	2= 1	1	1	0	1	
INST:	2	2	1	4	1	0	4	0	0	3= 2	0	1	1	1	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	6	35	1	29	15	2	13	0	0	0= 1 1= 0	3	2	2	2	0
INSTL:	1	1	1	4	2	1	4	0	0	2= 1	1	1	1	1	
INST:	1	1	1	4	2	1	4	0	0	3= 2	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	5	30	1	4	2	0	2	0	0	0= 1 1= 0	2	2	2	2	0
INSTL:	2	2	1	2	1	0	2	0	0	2= 1	1	0	0	0	
INST:	2	2	1	2	1	0	2	0	0	3= 1	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	19	2282	25	34	29	0	7	0	0	0= 1 1= 0	2	2	3	3	0
INSTL:	3	3	3	3	3	0	3	0	0	2= 1	2	1	0	0	
INST:	3	3	3	3	3	0	2	0	0	3= 2	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	12	468	2	36	5	1	30	0	0	0= 1 1= 0	2	2	2	2	0
INSTL:	4	4	2	4	3	1	2	0	0	2= 1	2	1	1	1	
INST:	4	4	2	4	3	1	2	0	0	3= 2	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PUBLIC) DOCTORATE)BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 9 TOTAL NO. OF INSTAL REPORTING FORM2 = 7
TOTAL NUMBER OF INSTITUTIONS REPORTING = 7 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 3

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 0) COLLEGE OR UNIV. 3) COMMERCIAL 1

ACADEMIC FIELDS AND DISCIPLINES	** STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUS#	** COST OF SVCS, RES AND INSTR (THOUS$)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	MISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUM.
CHEMICAL ENGINEERING	0	0	0	0	0	0	0	0	0	0* 0	0	0	0	0	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2* 0	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	0	0	0	0	0	0	0	0	0	0* 0	0	0	0	0	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2* 0	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	0	0	0	5	0	4	0	1	0	0* 1	1	1	1	1	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	1	0	1	0	1	0	2* 0	0	0	0	0	
INST:	0	0	0	1	0	1	0	1	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	0	0	0	3	0	0	2	1	0	0* 1	1	1	1	1	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	1	0	0	1	1	0	2* 0	0	0	0	0	
INST:	0	0	0	1	0	0	1	1	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	0	0	0	8	0	6	0	2	0	0* 1	1	1	1	1	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	1	0	1	0	1	0	2* 0	0	0	0	0	
INST:	0	0	0	1	0	1	0	1	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	3	255	2	114	2	38	45	30	0	0* 1	3	3	1	1	0
										1* 1	0	0	0	1	
INSTL:	3	3	2	3	2	3	3	2	0	2* 1	0	0	1	1	
INST:	3	3	2	3	2	3	3	2	0	3* 0	0	0	1	0	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	0	0	0	3	0	1	0	2	0	0* 1	1	1	1	1	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	1	0	1	0	1	0	2* 0	0	0	0	0	
INST:	0	0	0	1	0	1	0	1	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	0	0	0	0	0	0	0	0	0	0* 0	0	0	0	0	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2* 0	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	1	15	0	0	0	0	0	0	0	0* 1	1	1	1	1	0
										1* 0	0	0	0	0	
INSTL:	1	1	0	0	0	0	0	0	0	2* 0	0	0	0	0	
INST:	1	1	0	0	0	0	0	0	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	0	0	0	4	0	3	0	1	0	0* 1	1	1	1	1	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	1	0	1	0	1	0	2* 0	0	0	0	0	
INST:	0	0	0	1	0	1	0	1	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	0	0	0	1	0	1	0	0	0	0* 1	1	1	1	1	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	1	0	1	0	0	0	2* 0	0	0	0	0	
INST:	0	0	0	1	0	1	0	0	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0* 0	0	0	0	0	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2* 0	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	0	0	0	0	0	0	0	0	0	0* 0	0	0	0	0	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2* 0	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	0	0	0	0	0	0	0	0	0	0* 0	0	0	0	0	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2* 0	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	0	0	0	0	0	0	0	0	0	0* 0	0	0	0	0	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2* 0	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	0	0	0	0	0	0	0	0	0	0* 0	0	0	0	0	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2* 0	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	0	0	0	0	0	0	0	0	0	0* 0	0	0	0	0	0
										1* 0	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2* 0	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3* 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PUBLIC) DOCTORATE)500-2499)

TOTAL NUMBER OF INSTITUTIONS * 24 TOTAL NO. OF INSTAL REPORTING FORM2 * 15
TOTAL NUMBER OF INSTITUTIONS REPORTING * 20 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 * 11

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 0) COLLEGE OR UNIV. 4) COMMERCIAL 0

ACADEMIC FIELDS AND DISCIPLINES		** STUNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES STDNTS THOUSS			** COST OF SVCS, RES AND INSTR (THOUS$)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	MISC	C NEGL C COMP E ACT,	** OTHR COMP USE ** ON-CAMP	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING		3	6	3	3	3	0	0	0	0	0- 0 1- 0	3	3	2	2	1
	INSTL:	1	1	1	1	1	0	1	0	0	2- 2	0	0	0	1	
	INST:	1	1	1	1	1	0	1	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING		7	60	3	4	3	0	0	0	0	0- 0 1- 0	3	3	3	3	1
	INSTL:	.	1	1	1	1	0	1	0	0	2- 2	0	0	0	0	
	INST:	1	1	1	1	1	0	1	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING		9	411	31	43	31	0	0	6	6	0- 1 1- 0	2	2	3	3	0
	INSTL:	2	2	1	1	1	0	0	1	1	2- 1	1	0	0	0	
	INST:	1	1	1	1	1	0	0	1	1	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING		162	997	180	214	185	8	19	2	0	0- 1 1- 1	5	4	3	3	1
	INSTL:	5	5	3	4	4	1	2	2	1	2- 2	0	0	0	2	
	INST:	4	4	3	4	4	1	2	2	1	3- 1	0	1	0	0	
	(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES		6	103	0	80	0	20	60	0	0	0- 1 1- 0	3	2	3	3	0
	INSTL:	2	2	0	1	0	1	1	0	0	2- 1	0	1	0	0	
	INST:	2	2	0	1	0	1	1	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES		21	150	23	453	40	721	153	31	0	0- 3 1- 1	8	8	6	6	2
	INSTL:	6	6	5	7	5	6	6	3	0	2- 2	0	1	1	0	
	INST:	6	6	5	7	5	6	6	3	0	3- 4	1	0	1	3	
	(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES		49	2125	120	398	199	0	101	89	9	0- 1 1- 0	1	4	5	5	0
	INSTL:	5	5	4	4	4	0	2	2	1	2- 3	0	0	0	0	
	INST:	4	8	4	4	4	0	2	2	1	3- 1	0	1	0	0	
	(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS		19	571	8	115	9	88	38	0	0	0- 4 1- 0	6	5	5	5	0
	INSTL:	5	5	3	5	4	3	4	0	0	2- 2	0	1	0	1	
	INST:	5	5	3	5	4	3	4	0	0	3- 1	0	1	1	0	
	(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY		1	10	0	160	0	120	40	0	0	0- 0 1- 0	2	2	2	2	0
	INSTL:	1	1	0	1	1	1	1	0	0	2- 1	0	0	0	0	
	INST:	1	1	0	1	1	1	1	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY		8	57	47	52	47	0	5	0	0	0- 1 1- 0	4	4	4	4	2
	INSTL:	4	3	1	1	1	0	1	0	0	2- 1	1	0	1	0	
	INST:	4	3	1	1	1	0	1	0	0	3- 3	0	1	0	1	
	(NUMBER REPORTING PER CATEGORY)															
PHYSICS		7	30	5	58	5	30	21	0	0	0- 0 1- 0	4	4	4	4	2
	INSTL:	3	2	1	2	2	1	2	0	0	2- 1	0	0	0	0	
	INST:	3	2	1	2	2	1	2	0	0	3- 3	0	0	0	1	
	(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY		6	10	0	0	0	0	0	0	0	0- 0 1- 0	3	3	3	3	2
	INSTL:	2	1	0	0	0	0	0	0	0	2- 1	0	0	0	0	
	INST:	2	1	0	0	0	0	0	0	0	3- 2	0	0	0	1	
	(NUMBER REPORTING PER CATEGORY)															
ECONOMICS		8	10	18	17	16	0	2	0	0	0- 0 1- 0	4	4	3	3	0
	INSTL:	2	1	1	1	1	0	1	0	0	2- 1	0	0	0	1	
	INST:	2	1	1	1	1	0	1	0	0	3- 3	0	0	1	1	
	(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES		5	0	0	0	0	0	0	0	0	0- 0 1- 0	4	4	3	3	0
	INSTL:	1	0	0	1	1	0	1	0	0	2- 1	0	0	0	1	
	INST:	1	0	0	1	1	0	1	0	0	3- 3	0	0	1	1	
	(NUMBER REPORTING PER CATEGORY)															
EDUCATION		6	0	0	2	1	1	0	0	0	0- 1 1- 0	4	4	3	3	1
	INSTL:	1	0	0	1	1	1	0	0	0	2- 1	0	0	0	0	
	INST:	1	0	0	1	1	1	0	0	0	3- 2	0	0	0	2	
	(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE		6	571	0	0	0	0	0	0	0	0- 1 1- 0	4	3	4	4	0
	INSTL:	1	1	0	0	0	0	-	0	0	2- 1	0	0	0	0	
	INST:	1	1	0	0	0	0	0	0	0	3- 2	0	1	0	1	
	(NUMBER REPORTING PER CATEGORY)															
ALL OTHER		17	959	3	82	13	21	30	26	13	0- 1 1- 1	4	4	5	5	0
	INSTL:	3	3	2	2	2	2	2	1	1	2- 3	2	2	1	1	
	INST:	3	3	2	2	2	2	2	1	1	3- 2	0	1	0	2	
	(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PUBLIC) DOCTORATE)2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 51 TOTAL NO. OF INSTAL REPORTING FORM2 = 75
TOTAL NUMBER OF INSTITUTIONS REPORTING = 49 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 40

USE OF OFF-CAMPUS COMPUTERS BY INSTNS COOP, OR NON-PROFIT 23 COLLEGE OR UNIV. 101 COMMERCIAL 2

ACADEMIC FIELDS AND DISCIPLINES	** GRAD AND UNDGR ** COURSES	STDNT USE, COURSE ** STDNTS	THOUS	** COST OF SVCS, RES AND INSTR (THOUS$)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-OV	MISC	C REGL D COMP E ACT,	ON-CAMP	OTHR MODE	COMP USE ** OFF-CAMP	MODE	LANG SUB,
CHEMICAL ENGINEERING	135	2538	143	299	192	3	96	1	7	0= 7	18	15	21	21	0
										1= 2	3	2	5	0	
INSTLS	18	18	14	17	17	5	12	2	3	2= 10	3	4	0	5	
INSTS	15	15	11	14	14	5	12	2	3	3= 7	2	5	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	235	5319	133	251	156	24	80	10	9	0= 5	25	20	25	25	0
										1= 2	1	2	5	2	
INSTLS	21	22	20	23	21	11	18	5	3	2= 10	4	5	0	3	
INSTS	20	21	19	22	20	11	18	5	3	3= 10	1	4	1	1	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	292	7038	403	671	516	17	89	26	8	0= 8	22	18	24	24	0
										1= 4	5	2	5	1	
INSTLS	24	25	24	25	24	11	18	6	5	2= 11	3	7	1	5	
INSTS	23	24	23	23	23	11	18	6	5	3= 9	2	5	2	2	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	359	6371	386	1252	865	134	225	15	15	0= 9	27	23	28	28	1
										1= 2	3	2	5	1	
INSTLS	25	26	26	29	27	15	23	8	8	2= 12	3	7	0	4	
INSTS	25	26	26	28	26	14	23	8	8	3= 11	1	2	1	1	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	41	633	37	509	110	262	58	62	16	0= 7	23	21	24	24	1
										1= 0	2	2	3	1	
INSTLS	13	14	9	22	15	16	15	8	3	2= 9	3	4	0	2	
INSTS	13	14	9	18	13	13	14	5	3	3= 13	1	2	2	2	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	97	1653	74	1556	148	568	472	349	10	0= 11	30	28	38	38	21
										1= 4	4	5	5	0	
INSTLS	23	22	18	36	22	25	22	13	8	2= 16	4	8	1	4	
INSTS	21	20	18	31	21	22	22	12	8	3= 15	8	5	2	3	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	361	18581	1097	2071	1426	56	162	401	37	0= 8	31	27	29	29	4
										1= 9	4	3	8	5	
INSTLS	35	35	31	35	30	6	20	15	8	2= 15	4	6	4	6	
INSTS	32	32	30	31	29	6	19	14	8	3= 9	2	5	0	1	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	201	6893	322	484	370	51	38	7	8	0= 11	41	39	38	38	4
										1= 8	2	2	6	2	
INSTLS	36	38	31	35	34	7	19	3	4	2= 12	1	2	0	2	
INSTS	35	37	31	34	33	7	19	3	4	3= 13	0	1	0	2	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	4	108	6	46	8	13	13	10	1	0= 3	17	17	15	15	0
										1= 0	0	0	2	0	
INSTLS	3	3	1	4	3	2	4	1	2	2= 9	0	0	0	1	
INSTS	3	3	1	4	3	2	4	1	2	3= 5	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	62	1655	174	824	242	78	345	4	135	0= 8	28	25	29	29	5
										1= 4	6	4	7	3	
INSTLS	23	25	23	33	27	16	26	5	4	2= 16	4	6	1	3	
INSTS	22	24	22	32	26	15	26	5	4	3= 10	0	3	1	3	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	73	2178	224	1630	372	668	440	23	8	0= 13	34	30	32	32	6
										1= 3	7	3	12	3	
INSTLS	28	31	24	36	29	20	28	5	4	2= 17	3	10	0	8	
INSTS	26	29	22	31	26	17	25	5	4	3= 13	2	3	2	2	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	47	1113	39	110	39	33	36	1	1	0= 10	26	25	32	32	3
										1= 0	3	2	3	2	
INSTLS	17	18	14	27	15	14	15	3	2	2= 12	5	6	0	1	
INSTS	16	17	14	26	15	14	15	3	2	3= 14	2	3	1	1	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	61	1026	40	92	43	12	32	4	2	0= 8	32	30	31	31	2
										1= 0	0	1	2	0	
INSTLS	18	19	14	22	17	8	12	4	2	2= 14	1	3	1	2	
INSTS	17	18	14	22	17	8	12	4	2	3= 12	1	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	95	1855	87	148	69	43	35	1	3	0= 8	34	33	32	32	3
										1= 1	0	1	4	1	
INSTLS	22	24	18	24	17	12	14	3	5	2= 13	1	2	0	2	
INSTS	21	23	18	24	17	12	14	3	5	3= 14	1	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	49	1310	69	143	91	11	19	5	19	0= 11	33	31	35	35	6
										1= 0	1	1	2	0	
INSTLS	18	20	14	25	18	9	17	4	4	2= 16	2	5	0	1	
INSTS	18	20	14	24	18	9	17	4	4	3= 10	1	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	144	8426	530	655	551	22	42	40	2	0= 9	36	36	32	32	3
										1= 2	0	1	3	2	
INSTLS	30	30	26	31	28	12	16	4	4	2= 16	2	2	3	3	
INSTS	29	29	26	30	28	12	16	4	4	3= 12	1	0	1	1	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	87	1849	106	1643	263	147	432	144	608	0= 10	29	28	28	28	9
										1= 0	1	0	5	2	
INSTLS	18	18	17	29	20	16	20	9	11	2= 13	0	3	1	4	
INSTS	17	17	16	28	19	16	19	9	11	3= 11	4	3	0	0	
(NUMBER REPORTING PER CATEGORY)															

GROUP (PUBLIC) DOCTORATE)(0000-19999)

TOTAL NUMBER OF INSTITUTIONS = 61 TOTAL NO. OF INSTAL REPORTING FORM2 = 77
TOTAL NUMBER OF INSTITUTIONS REPORTING = 58 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 43

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 33 COLLEGE OR UNIV. 53 COMMERCIAL 3

ACADEMIC FIELDS AND DISCIPLINES		** GRAD AND UNDGR ** COURSES	STDNTS	THOUSS	** COST OF SVCS, RES AND INSTR (THOUSS) ** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	MISC	C REGL COMP ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING		301	4728	310	1011	531	128	318	22	0	0= 12	32	27	37	37	4
											1= 2	7	2	1	1	
	INSTL:	37	37	32	38	36	16	32	3	1	2= 8	2	6	4	3	
	INST:	34	33	31	35	34	15	32	3	1	3= 22	3	9	2	4	
	(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING		386	7995	281	830	340	85	175	21	1	0= 12	33	27	36	36	2
											1= 1	4	1	1	1	
	INSTL:	37	36	35	37	36	26	31	4	3	2= 8	2	6	3	3	
	INST:	36	35	34	35	35	26	31	4	3	3= 21	3	8	2	3	
	(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING		527	15169	576	1314	664	144	358	19	6	0= 13	25	22	37	37	5
											1= 6	12	2	2	1	
	INSTL:	43	43	39	42	41	31	35	7	4	2= 5	4	9	5	3	
	INST:	39	38	36	38	38	30	33	7	4	3= 22	5	13	2	6	
	(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING		935	27011	940	2423	1183	385	800	2	55	0= 13	31	27	36	36	7
											1= 4	8	2	4	4	
	INSTL:	45	45	43	44	43	34	39	4	5	2= 9	5	11	5	5	
	INST:	42	41	40	40	40	34	38	4	5	3= 22	4	8	3	4	
	(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES		145	1928	82	783	123	213	391	1	55	0= 13	41	35	39	39	4
											1= 2	2	0	1	1	
	INSTL:	29	29	20	38	30	21	33	3	6	2= 8	1	3	3	4	
	INST:	28	28	20	35	30	21	33	3	6	3= 22	1	7	2	2	
	(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES		202	7177	154	1553	222	790	445	26	34	0= 16	42	40	47	47	10
											1= 2	6	0	3	3	
	INSTL:	40	40	30	49	41	32	46	7	7	2= 14	5	6	3	2	
	INST:	40	40	29	45	40	30	43	7	7	3= 43	2	9	2	4	
	(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES		675	37455	2447	3124	2516	124	355	84	39	0= 14	37	35	40	40	1
											1= 14	7	2	4	4	
	INSTL:	39	40	39	40	39	17	22	13	6	2= 12	3	5	4	3	
	INST:	37	38	37	38	37	17	22	13	6	3= 9	2	7	1	2	
	(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS		482	18912	915	1386	947	116	278	42	3	0= 17	49	43	48	48	8
											1= 5	0	0	3	4	
	INSTL:	49	47	44	47	46	23	37	5	6	2= 11	2	2	2	1	
	INST:	48	46	44	47	46	23	37	5	6	3= 41	3	9	1	2	
	(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY		16	137	7	171	17	107	48	0	0	0= 9	33	29	34	34	0
											1= 0	0	1	0	0	
	INSTL:	7	6	4	7	5	3	4	1	0	2= 5	2	0	1	1	
	INST:	7	6	4	7	5	3	4	1	0	3= 41	0	5	0	1	
	(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY		204	7256	190	1788	473	141	1120	12	26	0= 18	38	33	42	42	5
											1= 3	9	1	6	4	
	INSTL:	43	43	35	48	40	28	46	5	7	2= 10	2	7	2	7	
	INST:	42	42	35	48	40	28	46	5	7	3= 22	4	12	3	1	
	(NUMBER REPORTING PER CATEGORY)															
PHYSICS		210	4053	238	3481	661	1706	1458	4	140	0= 16	40	36	36	36	6
											1= 6	7	3	7	5	
	INSTL:	45	45	34	53	44	32	51	5	8	2= 11	6	8	9	14	
	INST:	42	42	32	48	40	28	47	5	8	3= 45	5	11	6	4	
	(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY		169	6558	104	555	186	105	233	20	4	0= 17	39	36	47	47	11
											1= 1	7	1	3	3	
	INSTL:	40	39	29	48	38	28	43	7	4	2= 11	4	7	2	2	
	INST:	39	38	28	47	37	27	43	7	4	3= 24	3	9	1	2	
	(NUMBER REPORTING PER CATEGORY)															
ECONOMICS		167	3971	92	474	130	124	206	7	6	0= 13	46	43	44	44	4
											1= 2	2	0	2	3	
	INSTL:	39	39	29	43	36	24	40	5	7	2= 12	3	0	4	3	
	INST:	39	39	29	42	36	24	39	5	7	3= 25	1	9	2	3	
	(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES		299	7686	213	869	268	117	437	12	25	0= 15	47	42	43	43	7
											1= 2	0	0	3	4	
	INSTL:	34	33	27	45	37	27	42	4	6	2= 11	2	1	3	3	
	INST:	34	33	27	45	37	27	42	4	6	3= 23	2	8	2	2	
	(NUMBER REPORTING PER CATEGORY)															
EDUCATION		213	5817	141	690	227	146	291	4	18	0= 15	50	46	49	49	25
											1= 1	1	0	3	3	
	INSTL:	39	39	26	48	37	29	45	5	5	2= 12	3	2	2	1	
	INST:	39	39	26	48	37	29	45	5	5	3= 27	1	7	1	3	
	(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE		644	39048	1802	1280	1001	39	224	7	6	0= 16	44	40	44	44	9
											1= 2	6	1	4	5	
	INSTL:	51	51	47	49	48	19	42	6	5	2= 9	3	5	4	3	
	INST:	51	51	47	49	48	19	42	6	5	3= 27	1	8	2	3	
	(NUMBER REPORTING PER CATEGORY)															
ALL OTHER		335	8378	379	1056	410	563	441	381	221	0= 14	43	39	41	41	11
											1= 2	1	1	3	5	
	INSTL:	41	42	32	45	43	32	41	8	11	2= 12	4	1	3	2	
	INST:	39	40	31	44	42	32	41	8	11	3= 23	3	10	4	4	
	(NUMBER REPORTING PER CATEGORY)															

GROUP (PUBLIC) DOCTORATE(ABOVE 20000)

TOTAL NUMBER OF INSTITUTIONS = 32 TOTAL NO. OF INSTAL REPORTING FORM2 = 102
TOTAL NUMBER OF INSTITUTIONS REPORTING = 31 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 20

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 13 COLLEGE OR UNIV. 33 COMMERCIAL 2

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUSS	** COST OF SVCS, RES AND INSTR (THOUSS)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	MISC	C REGL D COMP E ACT,	ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB,
CHEMICAL ENGINEERING	169	5771	208	703	339	119	234	5	5	0= 11	18	14	23	23	2
										1= 1	3	1	0	0	
INSTL:	18	19	19	21	20	13	19	1	1	2= 4	3	1	1	1	
INST:	18	18	18	18	18	12	18	1	1	3= 8	4	8	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	257	10814	299	1176	475	463	228	5	5	0= 10	18	19	27	27	1
										1= 1	3	1	0	0	
INSTL:	21	23	21	26	24	17	20	1	1	2= 6	8	2	0	1	
INST:	20	21	21	21	21	16	18	1	1	3= 11	3	8	1	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	344	25212	711	1882	861	364	539	85	22	0= 16	15	15	35	35	2
										1= 4	9	1	1	0	
INSTL:	30	31	28	33	30	23	24	4	4	2= 6	5	5	0	3	
INST:	21	21	20	21	21	18	19	3	4	3= 11	7	10	1	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	636	38348	1244	3080	1800	484	724	31	42	0= 18	19	19	34	34	7
										1= 2	5	0	1	2	
INSTL:	29	31	29	33	31	20	26	4	2	2= 9	6	4	2	2	
INST:	24	24	24	24	24	17	21	4	2	3= 10	7	14	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	76	2541	88	1206	144	462	581	6	3	0= 13	23	21	28	28	6
										1= 0	2	0	0	0	
INSTL:	16	18	15	23	20	14	19	3	2	2= 8	3	6	2	2	
INST:	15	16	15	22	20	13	19	3	2	3= 9	2	3	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	163	4678	458	3061	622	1791	400	878	212	0= 14	25	24	39	39	31
										1= 0	8	1	2	2	
INSTL:	25	26	21	38	30	28	31	10	8	2= 16	9	11	1	1	
INST:	21	22	18	26	22	19	23	9	7	3= 13	1	7	1	1	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	384	43075	2265	3937	2437	900	536	54	14	0= 15	24	22	32	32	3
										1= 5	4	0	0	2	
INSTL:	28	30	31	32	31	15	16	3	3	2= 9	2	6	1	0	
INST:	25	28	28	28	26	12	16	3	3	3= 9	5	7	2	1	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	186	13409	378	882	447	54	129	23	107	0= 13	28	27	31	31	14
										1= 3	1	0	2	2	
INSTL:	28	30	28	33	29	12	26	3	2	2= 7	2	4	2	2	
INST:	23	25	24	28	24	12	25	3	2	3= 12	4	4	0	0	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	32	458	65	542	195	148	189	7	3	0= 9	19	19	23	23	2
										1= 0	2	1	0	0	
INSTL:	13	15	10	16	15	11	11	2	1	2= 7	3	2	1	2	
INST:	11	12	8	13	12	10	10	2	1	3= 9	1	3	1	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	73	4939	217	3018	942	778	829	138	130	0= 15	23	22	34	34	6
										1= 0	7	3	0	1	
INSTL:	21	23	22	32	27	21	28	5	4	2= 8	1	4	2	1	
INST:	17	18	18	27	23	19	24	5	4	3= 13	5	7	0	0	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	68	3258	192	2911	463	1294	1074	19	3	0= 16	24	25	31	31	7
										1= 1	6	1	4	1	
INSTL:	18	21	15	37	25	29	25	6	3	2= 9	4	7	1	8	
INST:	16	18	14	27	23	21	22	6	3	3= 14	4	7	4	0	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	78	4892	145	960	243	402	205	19	96	0= 16	26	26	39	39	14
										1= 1	5	1	1	0	
INSTL:	23	25	19	35	26	26	25	4	4	2= 13	6	5	0	1	
INST:	22	23	18	26	23	21	21	4	4	3= 11	4	9	1	1	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	100	4562	78	533	118	138	270	4	3	0= 13	28	27	28	28	3
										1= 0	0	0	1	0	
INSTL:	18	19	17	25	23	17	21	2	2	2= 7	2	2	0	2	
INST:	16	17	16	22	21	16	20	2	2	3= 10	0	1	1	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	225	10262	309	1148	438	196	453	10	12	0= 17	31	30	33	33	8
										1= 2	1	1	0	0	
INSTL:	21	23	20	28	22	19	22	3	3	2= 3	0	1	0	0	
INST:	19	21	19	25	21	17	21	3	3	3= 11	1	1	0	0	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	89	3487	143	688	230	189	204	9	31	0= 15	28	27	31	31	16
										1= 0	3	0	1	1	
INSTL:	19	22	20	28	24	17	22	2	2	2= 5	1	2	0	0	
INST:	18	20	20	27	23	17	22	2	2	3= 12	0	3	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	515	37104	725	1586	728	272	444	23	77	0= 17	27	27	36	36	22
										1= 1	4	1	0	3	
INSTL:	33	33	34	36	34	23	27	5	6	2= 9	7	6	4	2	
INST:	26	27	28	29	28	20	24	4	5	3= 13	2	6	0	0	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	204	7208	222	4263	338	1012	616	378	458	0= 15	22	21	30	30	5
										1= 1	2	0	0	1	
INSTL:	21	23	19	28	22	22	20	9	7	2= 8	5	6	2	1	
INST:	18	19	16	21	19	17	17	7	7	3= 13	4	6	1	1	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PRIVATE,ASSOCIATE,BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 174 TOTAL NO. OF INSTAL REPORTING FORM2 = 7
TOTAL NUMBER OF INSTITUTIONS REPORTING = 108 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 7

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 1) COLLEGE OR UNIV. 2) COMMERCIAL 2

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES STDNTS THOUSB			** COST OF SVCS, RES AND INSTR (THOUSB)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	MISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUM.
CHEMICAL ENGINEERING	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	1	10	0	0	0	0	0	0	0	0*	1	1	1	1	0
										1*	0	0	0	0	
INSTL:	1	1	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	1	1	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	5	105	13	13	13	0	0	0	0	0*	2	3	3	1	0
										1*	0	0	0	1	
INSTL:	3	3	3	3	3	0	0	0	0	2*	1	0	0	2	
INST:	3	3	3	3	3	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	7	126	5	5	5	0	0	0	0	0*	2	4	4	2	0
										1*	0	0	1	1	
INSTL:	4	4	3	3	3	0	0	0	0	2*	2	0	0	1	
INST:	4	4	3	3	3	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	6	382	20	20	20	0	0	0	0	0*	1	1	1	1	0
										1*	0	0	0	0	
INSTL:	1	1	1	1	1	0	0	0	0	2*	0	0	0	0	
INST:	1	1	1	1	1	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	1	39	3	3	3	0	0	0	0	0*	1	1	1	1	0
										1*	0	0	0	0	
INSTL:	1	1	1	1	1	0	0	0	0	2*	0	0	0	0	
INST:	1	1	1	1	1	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															

GROUP (PRIVATE/ASSOCIATE)500-2499)

TOTAL NUMBER OF INSTITUTIONS = 88 TOTAL NO. OF INSTAL REPORTING FORM2 = 13
TOTAL NUMBER OF INSTITUTIONS REPORTING = 55 TOTAL NUMBER OF INSTITUTIONS REPTING FORM2 = 13

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 0 COLLEGE OR UNIV. 0 COMMERCIAL 2

ACADEMIC FIELDS AND DISCIPLINES	** GRAD AND UNDER ** STDNT COURSES	STDNT USE, COURSE HR STDNTS	THOUSS	** COST OF SVCS, RES AND INSTR (THOUSS)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-RS	SFT-DV	MISC	C NEGL E ACT.	COMP B	** OTHR COMP USE ** On- CAMP	Off- CAMP	MODE	LANG SIM.
CHEMICAL ENGINEERING	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	1	10	0	0	0	0	0	0	0	0*	0	1	1	1	0
										1*	0	0	0	0	
INSTL:	1	1	0	1	1	0	0	0	0	2*	1	0	0	0	
INST:	1	1	0	1	1	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	1	25	1	1	1	0	0	0	0	0*	0	1	1	1	0
										1*	0	0	0	0	
INSTL:	1	1	1	1	1	0	0	0	0	2*	1	0	0	0	
INST:	1	1	1	1	1	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	6	175	6	6	6	0	0	0	0	0*	0	3	2	3	0
										1*	0	0	0	0	
INSTL:	3	3	2	3	3	0	1	0	0	2*	3	0	0	0	
INST:	3	3	2	3	3	0	1	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	36	1750	85	105	101	0	0	4	0	0*	2	4	5	5	0
										1*	0	0	0	0	
INSTL:	7	7	4	8	8	0	0	1	0	2*	4	0	2	2	
INST:	7	7	4	8	8	0	0	1	0	3*	1	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	9	809	40	41	41	0	0	0	0	0*	1	5	3	4	0
										1*	1	0	0	1	
INSTL:	5	5	4	4	4	0	1	0	0	2*	3	0	2	0	
INST:	5	5	4	4	4	0	1	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	1	0	0	0	0	0	0	0	0	0*	0	1	1	1	0
										1*	0	0	0	0	
INSTL:	1	0	0	1	0	0	0	0	1	2*	1	0	0	0	
INST:	1	0	0	1	0	0	0	0	1	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	1	0	0	0	0	0	0	0	0	0*	0	1	1	1	0
										1*	0	0	0	0	
INSTL:	1	0	0	0	0	0	0	0	0	2*	1	0	0	0	
INST:	1	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	1	0	0	0	0	0	0	0	0	0*	0	1	1	1	0
										1*	0	0	0	0	
INSTL:	1	0	0	0	0	0	0	0	0	2*	1	0	0	0	
INST:	1	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	0	0	0	0	0	0	0	0	0	0*	0	1	1	0	0
										1*	0	0	1	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	1	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	1	0	0	0	0	0	0	0	0	0*	0	1	1	1	0
										1*	0	0	0	0	
INSTL:	1	0	0	1	0	0	1	0	0	2*	1	0	0	0	
INST:	1	0	0	1	0	0	1	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	17	778	17	21	21	0	0	0	0	0*	3	4	5	4	0
										1*	0	0	1	1	
INSTL:	6	6	3	4	4	0	0	1	0	2*	3	0	0	2	
INST:	6	6	3	4	4	0	0	1	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0
										1*	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PRIVATE,BACHELORS,BELOW 500)

TOTAL NUMBER OF INSTITUTIONS = 239 TOTAL NO. OF INSTAL REPORTING FORM2 = 16
TOTAL NUMBER OF INSTITUTIONS REPTING = 189 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 16

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 4) COLLEGE OR UNIV. 5) COMMERCIAL 9

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD AND UNDER ** COURSES STDNTS THOUSS			** COST OF SVCS, PES AND INSTR (THOUSS)** TOTAL	ALL INSTR	FAC-SP	RESEARCH FAC-NS	SFT-DV	MISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB,
CHEMICAL ENGINEERING	0	0	0	0	0	0	0	0	0	0-	0	0	0	0	0
										1-	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2-	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	0	0	0	0	0	0	0	0	0	0-	0	0	0	0	0
										1-	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2-	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	3	45	2	2	2	0	0	0	0	0-	0	1	1	1	0
										1-	0	0	0	0	
INSTL:	1	1	1	1	1	0	0	0	0	2-	1	0	0	0	
INST:	1	1	1	1	1	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	1	115	5	5	5	0	1	0	0	0-	1	2	2	1	0
										1-	1	0	0	0	
INSTL:	1	2	2	2	2	0	1	0	0	2-	0	0	0	1	
INST:	1	2	2	2	2	0	1	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	2	5	1	1	1	0	0	0	0	0-	1	1	0	1	0
										1-	0	0	1	0	
INSTL:	1	1	1	1	1	0	0	0	0	2-	0	0	0	0	
INST:	1	1	1	1	1	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	4	198	15	81	18	15	30	15	7	0-	2	4	4	2	2	0
										1-	0	0	0	1	1
INSTL:	3	3	3	3	3	1	1	1	1	2-	2	0	0	1	1
INST:	3	3	3	3	3	1	1	1	1	3-	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	24	237	24	24	24	0	0	1	0	0-	5	7	7	4	4	0
										1-	2	1	0	4	0
INSTL:	7	8	6	6	6	0	0	1	0	2-	1	0	1	0	3
INST:	7	8	6	6	6	0	0	1	0	3-	0	0	0	0	1
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	20	527	47	48	47	0	1	0	0	0-	3	8	8	5	5	0
										1-	2	0	0	2	3
INSTL:	7	8	7	7	7	0	1	0	0	2-	3	0	0	1	1
INST:	7	8	7	7	7	0	1	0	0	3-	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	2	14	2	2	2	0	0	0	0	0-	1	3	3	1	1	0
										1-	0	0	0	1	2
INSTL:	2	2	2	2	2	0	0	0	0	2-	2	0	0	1	0
INST:	2	2	2	2	2	0	0	0	0	3-	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	7	88	5	5	5	0	0	0	0	0-	1	4	4	1	1	0
										1-	2	0	0	2	2
INSTL:	4	3	2	2	2	0	0	0	0	2-	1	0	0	1	0
INST:	4	3	2	2	2	0	0	0	0	3-	0	0	0	0	1
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	10	98	8	8	8	1	0	0	0	0-	0	3	3	0	0	0
										1-	1	0	0	2	2
INSTL:	2	3	3	3	3	1	0	0	0	2-	2	0	0	1	1
INST:	2	3	3	3	3	1	0	0	0	3-	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	2	14	1	1	1	0	0	0	0	0-	1	3	3	1	1	0
										1-	1	0	0	1	2
INSTL:	2	2	1	2	2	0	0	0	0	2-	1	0	0	1	0
INST:	2	2	1	2	2	0	0	0	0	3-	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	1	18	1	1	1	0	0	0	0	0-	0	1	1	0	0	0
										1-	0	0	0	0	1
INSTL:	1	1	1	1	1	0	0	0	0	2-	1	0	0	1	0
INST:	1	1	1	1	1	0	0	0	0	3-	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	3	14	1	2	1	0	1	0	0	0-	1	3	3	1	1	0
										1-	0	0	0	2	1
INSTL:	2	2	1	2	1	0	1	0	0	2-	2	0	0	0	1
INST:	2	2	1	2	1	0	1	0	0	3-	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	0	0	0	0	0	0	0	0	0	0-	0	1	1	0	0	0
										1-	0	0	1	1	
INSTL:	0	0	0	0	0	0	0	0	0	2-	1	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	3	45	4	4	4	0	0	0	0	0-	1	3	3	2	2	0
										1-	0	0	0	1	1
INSTL:	2	2	1	1	1	0	0	0	0	2-	2	0	0	0	0
INST:	2	2	1	1	1	0	0	0	0	3-	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	19	259	8	22	17	0	4	1	0	0-	2	5	5	3	3	0
										1-	1	0	0	2	2
INSTL:	3	3	2	4	3	0	2	1	0	2-	2	0	0	0	1
INST:	3	3	2	4	3	0	2	1	0	3-	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PRIVATE/BACHELORS/500-2499)

TOTAL NUMBER OF INSTITUTIONS = 487 TOTAL NO. OF INSTAL REPORTING FORM2 = 211
TOTAL NUMBER OF INSTITUTIONS REPORTING = 393 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 209

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 29) COLLEGE OR UNIV. 52) COMMERCIAL 50

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD AND UNDER ** COURSES	STDNTS	THOUSS	** COST OF SVCS, RES AND INSTR (THOUSS)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	HISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON- CAM	MODE	OFF- CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING	12	352	19	19	19	0	0	0	0	0- 13	19	19	19	19	2
										1- 1	0	0	0	0	
INSTL:	6	6	5	6	6	0	0	0	0	2- 5	0	0	0	0	
INST:	6	6	5	6	6	0	0	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	20	339	3	8	3	0	5	0	0	0- 12	18	17	19	19	0
										1- 0	0	0	0	0	
INSTL:	6	6	2	4	4	0	1	0	0	2- 6	1	1	0	0	
INST:	6	6	2	4	4	0	1	0	0	3- 1	0	1	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	26	801	35	42	35	0	8	0	0	0- 13	17	16	18	18	0
										1- 0	1	0	1	1	
INSTL:	8	8	4	5	5	0	1	0	0	2- 5	1	2	0	0	
INST:	8	8	4	5	5	0	1	0	0	3- 1	0	1	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	28	1660	14	16	14	0	2	0	0	0- 14	21	20	20	20	1
										1- 1	0	0	2	2	
INSTL:	11	11	5	6	6	0	3	0	1	2- 6	1	1	0	0	
INST:	11	11	5	6	6	0	3	0	1	3- 1	0	1	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	15	358	5	7	6	0	1	0	0	0- 15	25	25	23	23	0
										1- 1	0	0	1	2	
INSTL:	8	7	3	6	5	0	2	0	2	2- 9	0	0	1	0	
INST:	8	7	3	6	5	0	2	0	2	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	61	817	16	33	18	9	6	0	0	0- 31	59	58	49	49	0
										1- 7	0	0	5	8	
INSTL:	38	48	12	26	24	3	5	2	2	2- 40	0	0	4	1	
INST:	38	41	12	26	24	3	5	2	2	3- 1	0	1	1	1	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	249	7917	540	650	563	41	18	20	9	0- 36	98	96	66	66	0
										1- 40	0	1	87	18	
INSTL:	96	95	66	71	70	2	7	11	6	2- 43	4	4	11	15	
INST:	96	95	66	71	70	2	7	11	6	3- 4	1	2	1	6	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	444	10344	529	585	546	5	17	19	2	0- 91	165	163	115	115	1
										1- 40	1	0	29	31	
INSTL:	160	160	110	125	125	5	24	15	7	2- 31	3	4	22	15	
INST:	160	160	110	125	125	5	24	15	7	3- 7	0	2	3	6	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	17	137	4	19	14	4	0	0	0	0- 19	28	28	27	27	0
										1- 0	0	0	0	1	
INSTL:	13	12	4	7	7	1	1	0	0	2- 9	0	0	1	0	
INST:	13	12	4	7	7	1	1	0	0	3- 0	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	174	2211	99	156	100	2	48	3	0	0- 50	92	91	70	70	0
										1- 18	0	0	15	18	
INSTL:	79	79	36	64	57	3	19	4	0	2- 43	2	2	9	4	
INST:	79	79	36	64	57	3	19	4	0	3- 3	0	1	0	2	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	224	3288	108	189	155	12	21	5	3	0- 55	96	94	72	72	0
										1- 19	0	1	15	19	
INSTL:	85	84	41	67	64	3	18	6	3	2- 40	2	2	10	4	
INST:	85	84	41	67	64	3	18	6	3	3- 4	0	1	1	2	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	72	1627	56	133	65	26	40	0	0	0- 43	72	72	60	60	0
										1- 7	0	0	10	7	
INSTL:	47	52	23	40	34	6	14	0	2	2- 19	2	2	4	4	
INST:	47	52	23	40	34	6	14	0	2	3- 5	0	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	94	2050	64	68	57	1	10	1	0	0- 38	69	69	56	56	0
										1- 10	0	0	10	8	
INSTL:	50	50	25	36	34	1	7	1	0	2- 18	1	0	4	4	
INST:	50	50	25	36	34	1	7	1	0	3- 4	0	1	0	1	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	56	1086	67	78	69	4	5	1	0	0- 24	51	50	40	40	0
										1- 6	0	0	5	7	
INSTL:	28	30	18	27	23	3	8	1	2	2- 15	0	0	6	2	
INST:	28	30	18	27	23	3	8	1	2	3- 8	0	1	0	2	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	10	227	3	3	3	0	0	0	0	0- 19	34	34	31	31	0
										1- 2	0	0	1	2	
INSTL:	9	9	2	6	5	0	1	0	0	2- 9	0	0	2	1	
INST:	9	9	2	6	5	0	1	0	0	3- 4	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	138	5157	200	217	203	10	1	3	0	0- 49	79	77	66	66	1
										1- 7	0	0	9	9	
INSTL:	67	68	42	52	50	1	1	5	1	2- 40	3	3	6	5	
INST:	66	67	42	52	50	1	1	5	1	3- 6	0	2	1	2	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	66	2392	117	115	91	2	11	8	3	0- 28	53	53	38	38	0
										1- 10	0	0	10	11	
INSTL:	26	31	24	31	27	3	8	4	4	2- 13	1	0	5	2	
INST:	26	31	24	31	27	3	8	4	4	3- 3	0	1	1	3	
(NUMBER REPORTING PER CATEGORY)															

(VATE)BACHELORS)2500-9999)

TOTAL NUMBER OF INSTITUTIONS * 21 TOTAL NO. OF INSTAL REPORTING FORM2 * 10
TOTAL NUMBER OF INSTITUTIONS REPORTING * 17 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 * 8

TYPE OF COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 0) COLLEGE OR UNIV. 1) COMMERCIAL 2

	STDNT USE, COURSE NO. ** GRAD AND UNDGR ** COURSES	STDNTS	THOUSS	TOTAL	** COST OF SVCS, RES AND INSTR (THOUSS)** ALL INSTR	FAC-SP	RESEARCH FAC-NS	SFT-DV	HDWE	C REGL E ACT,	** OTHR COMP USE ** ON-CAMP	OFF-CAMP	MODE	LANG SUB.
	0	0	0	0	0	0	0	0	0	0- 0	1	1	1	0
										1- 0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2- 0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
CIVIL ENGINEERING	8	84	3	3	3	0	0	0	0	0- 0	2	2	2	0
										1- 0	0	0	0	
INSTL:	1	1	1	1	1	0	0	0	0	2- 1	0	0	0	
INST:	1	1	1	1	1	0	0	0	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
ELECTRICAL ENGINEERING	17	326	25	41	26	0	0	10	5	0- 0	3	3	3	0
										1- 0	0	0	1	
INSTL:	3	3	3	3	3	0	0	1	1	2- 2	0	0	0	
INST:	3	3	3	3	3	0	0	1	1	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
OTHER ENGINEERING	1	8	0	2	0	0	2	0	0	0- 0	3	2	3	0
										1- 0	0	0	0	
INSTL:	1	3	0	2	1	0	1	0	0	2- 2	0	1	0	
INST:	1	1	0	2	1	0	1	0	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
ENVIRONMENTAL SCIENCES	1	1	0	0	0	0	0	0	0	0- 0	2	2	2	0
										1- 0	0	0	0	
INSTL:	1	1	0	1	1	0	0	0	0	2- 1	0	0	0	
INST:	1	1	0	1	1	0	0	0	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
LIFE SCIENCES	2	65	0	0	0	0	0	0	0	0- 0	3	3	3	0
										1- 0	0	0	0	
INSTL:	1	2	0	1	1	0	0	0	0	2- 1	0	0	0	
INST:	1	2	0	1	1	0	0	0	0	3- 2	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
COMPUTER SCIENCES	60	2939	169	188	133	37	5	5	8	0- 1	6	5	6	0
										1- 3	3	0	1	2
INSTL:	9	9	8	8	8	3	1	2	2	2- 4	0	3	1	1
INST:	9	9	8	8	8	3	1	2	2	3- 1	0	1	1	1
(NUMBER REPORTING PER CATEGORY)														
MATHEMATICS AND STATISTICS	15	1251	47	48	48	0	0	0	0	0- 2	7	6	6	0
										1- 2	1	0	1	
INSTL:	7	7	7	8	8	1	0	1	0	2- 3	0	2	1	
INST:	7	7	7	8	8	1	0	1	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
ASTRONOMY	0	0	0	0	0	0	0	0	0	0- 0	1	1	1	0
										1- 0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2- 0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
CHEMISTRY	2	16	1	1	1	0	0	0	0	0- 0	4	4	3	0
										1- 0	0	0	1	
INSTL:	1	2	1	3	3	0	0	0	0	2- 3	0	0	1	
INST:	1	2	1	3	3	0	0	0	0	3- 1	2	0	0	
(NUMBER REPORTING PER CATEGORY)														
PHYSICS	4	240	3	5	5	0	0	0	0	0- 0	5	5	4	0
										1- 1	1	0	1	
INSTL:	4	5	2	4	4	0	0	0	0	2- 4	0	1	1	
INST:	4	5	2	4	4	0	0	0	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
PSYCHOLOGY	3	50	0	0	0	0	0	0	0	0- 0	2	3	2	0
										1- 0	1	0	0	
INSTL:	1	1	0	0	0	0	0	0	0	2- 2	0	0	1	
INST:	1	1	0	0	0	0	0	0	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
ECONOMICS	0	0	1	4	1	0	1	0	0	0- 0	3	3	2	0
										1- 0	0	0	1	
INSTL:	0	0	1	2	1	0	1	0	0	2- 2	0	0	0	
INST:	0	0	1	2	1	0	1	0	0	3- 1	0	[illegible]	0	
(NUMBER REPORTING PER CATEGORY)														
OTHER SOCIAL SCIENCES	1	35	0	0	0	0	0	0	0	0- 0	2	2	2	0
										1- 0	0	0	0	
INSTL:	1	1	0	0	0	0	0	0	0	2- 1	0	0	0	
INST:	1	1	0	0	0	0	0	0	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
EDUCATION	20	1500	100	110	100	0	0	10	0	0- 0	1	1	1	0
										1- 0	0	0	0	
INSTL:	1	1	1	1	1	0	0	1	0	2- 0	0	0	0	
INST:	1	1	1	1	1	0	0	1	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
BUSINESS AND COMMERCE	7	860	14	14	14	0	0	0	0	0- 1	7	6	6	0
										1- 0	0	0	1	
INSTL:	5	5	2	3	3	0	0	0	0	2- 5	0	1	1	
INST:	5	5	2	3	3	0	0	0	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														
ALL OTHER	1	65	6	6	6	0	0	0	0	0- 0	4	4	3	0
										1- 0	0	0	1	
INSTL:	1	2	2	3	3	0	0	0	0	2- 3	0	0	1	
INST:	1	2	2	3	3	0	0	0	0	3- 1	0	0	0	
(NUMBER REPORTING PER CATEGORY)														

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PRIVATE/MASTERS) 500-2999 1

TOTAL NUMBER OF INSTITUTIONS = 171 TOTAL NO. OF INSTAL REPORTING FORM2 = 79
TOTAL NUMBER OF INSTITUTIONS REPORTING = 138 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 74

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 23 COLLEGE OR UNIV. 283 COMMERCIAL 15

ACADEMIC FIELDS AND DISCIPLINES	** STDNT USE, COURSE NR ** GRAD AND UNDGR ** COURSES	STDNTS	THOUS$	** COST OF SVCS, RES AND INSTR (THOUS$) ** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	MISC	C HEGL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB**
CHEMICAL ENGINEERING	0	0	0	4	4	0	0	0	0	0= 4	4	4	4	4	0
INSTL:	0	0	0	1	1	0	0	0		1= 1	0	0	0	0	
INST:	0	0	0	1	1	0	0	0	0	2= 1	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)									0	3= 0	0	0	0	0	
CIVIL ENGINEERING	14	154	1	1	1	0	0	0	0	0= 5	7	7	7	7	0
INSTL:	2	2	1	1	1	0	0	0		1= 0	0	0	0	0	
INST:	2	2	1	1	1	0	0	0	0	2= 2	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)									0	3= 0	0	0	0	0	
ELECTRICAL ENGINEERING	18	36	2	74	2	0	0	72	0	0= 3	6	6	6	6	0
INSTL:	1	1	1	1	1	0	0	0		1= 0	0	0	0	0	
INST:	1	1	1	1	1	0	0	1	0	2= 3	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)									0	3= 0	0	0	0	0	
OTHER ENGINEERING	26	295	17	19	19	0	1	0	0	0= 3	10	9	6	6	0
INSTL:	7	6	2	6	6	0	1	0		1= 1	0	1	2	4	
INST:	7	6	2	6	6	0	1	0	0	2= 4	0	0	2	0	
(NUMBER REPORTING PER CATEGORY)									0	3= 2	0	0	0	0	
ENVIRONMENTAL SCIENCES	17	159	5	12	6	3	2	1	0	0= 6	11	9	10	10	0
INSTL:	5	5	3	5	4	2	5	2		1= 2	0	0	1	2	
INST:	5	5	3	5	4	2	5	2	0	2= 2	1	2	0	0	
(NUMBER REPORTING PER CATEGORY)									0	3= 2	0	1	1	0	
LIFE SCIENCES	24	335	9	29	18	6	4	0	1	0= 8	21	18	15	15	0
INSTL:	15	14	8	13	13	4	3	0		1= 5	0	1	5	8	
INST:	15	14	8	13	13	4	3	0	1	2= 5	2	2	1	0	
(NUMBER REPORTING PER CATEGORY)									1	3= 5	0	2	2	0	
COMPUTER SCIENCES	162	4713	329	410	335	11	49	18	2	0= 13	35	31	27	27	0
INSTL:	31	30	23	24	24	2	6	4		1= 10	0	0	3	5	
INST:	31	30	23	24	24	2	6	4	2	2= 11	0	4	2	1	
(NUMBER REPORTING PER CATEGORY)									2	3= 1	0	0	3	2	
MATHEMATICS AND STATISTICS	175	3914	193	230	214	4	10	1	0	0= 32	59	50	43	43	0
INSTL:	57	58	42	42	42	2	10	2		1= 15	0	5	11	15	
INST:	57	58	42	42	42	2	10	2	0	2= 10	2	6	5	2	
(NUMBER REPORTING PER CATEGORY)									0	3= 4	0	0	3	1	
ASTRONOMY	2	37	0	2	1	0	1	0	0	0= 4	11	10	11	11	0
INSTL:	2	3	0	2	2	0	1	0		1= 0	0	0	1	1	
INST:	2	3	0	2	2	0	1	0	0	2= 4	1	1	0	0	
(NUMBER REPORTING PER CATEGORY)									0	3= 4	0	1	0	0	
CHEMISTRY	88	1128	38	53	38	4	10	1	0	0= 13	36	30	28	28	0
INSTL:	34	33	17	24	22	4	11	3		1= 9	0	2	11	13	
INST:	34	33	17	24	22	4	11	3	1	2= 11	1	4	3	1	
(NUMBER REPORTING PER CATEGORY)									1	3= 5	1	2	2	2	
PHYSICS	117	2101	85	83	75	1	5	1	0	0= 15	42	35	31	31	0
INSTL:	41	41	25	29	29	5	8	3		1= 14	0	2	8	12	
INST:	41	41	25	29	29	5	8	3	0	2= 13	2	6	4	0	
(NUMBER REPORTING PER CATEGORY)									0	3= 3	1	2	1	0	
PSYCHOLOGY	34	1028	25	43	25	5	5	3	0	0= 17	31	28	27	27	0
INSTL:	22	25	11	16	11	2	11	3		1= 4	0	1	4	8	
INST:	21	24	11	15	10	2	11	3	2	2= 7	1	3	1	2	
(NUMBER REPORTING PER CATEGORY)									2	3= 5	0	1	1	0	
ECONOMICS	45	920	34	41	35	3	2	1	0	0= 11	32	25	24	24	0
INSTL:	26	24	16	19	18	4	6	4		1= 7	0	1	5	8	
INST:	25	23	15	18	17	4	6	4	0	2= 9	1	6	2	1	
(NUMBER REPORTING PER CATEGORY)									0	3= 6	0	1	2	0	
OTHER SOCIAL SCIENCES	59	1437	49	90	53	32	4	2	0	0= 13	31	27	28	28	0
INSTL:	27	26	15	22	20	4	6	3		1= 7	0	1	7	7	
INST:	26	25	14	21	19	4	6	3	0	2= 8	1	4	2	3	
(NUMBER REPORTING PER CATEGORY)									0	3= 4	0	0	2	0	
EDUCATION	9	158	2	9	2	1	5	1	0	0= 8	18	16	13	13	0
INSTL:	8	8	2	7	4	1	4	1		1= 2	0	0	2	5	
INST:	8	8	2	7	4	1	4	1	0	2= 5	0	2	2	0	
(NUMBER REPORTING PER CATEGORY)									0	3= 3	0	0	1	0	
BUSINESS AND COMMERCE	65	2003	118	121	117	0	2	1	1	0= 16	28	25	22	22	0
INSTL:	24	24	18	17	17	1	4	2		1= 5	0	2	1	4	
INST:	24	24	18	17	17	1	4	2	2	2= 4	0	1	5	2	
(NUMBER REPORTING PER CATEGORY)									2	3= 3	0	0	0	0	
ALL OTHER	39	657	15	36	17	1	4	1	10	0= 9	22	19	16	16	0
INSTL:	12	13	6	11	8	1	5	3		1= 5	0	0	3	5	
INST:	12	13	6	11	8	1	5	3	2	2= 6	0	2	2	0	
(NUMBER REPORTING PER CATEGORY)									2	3= 2	0	1	1	0	

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PRIVATE,MASTERS) 2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 61 TOTAL NO. OF INSTAL REPORTING FORM2 = 48
TOTAL NUMBER OF INSTITUTIONS REPORTING = 56 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 45

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COMM. OR NON-PROFIT 33 COLLEGE OR UNIV. 53 COMMERCIAL 12

ACADEMIC FIELDS AND DISCIPLINES		STUNT USE: COURSES	GRAD AND UNDGR STDNTS	COURSE HR THOUSD	** COST OF SVCS, RES AND INSTR (THOUSD)** TOTAL	ALL INSTR	RES FAC-SP	INSTR RESEARCH FAC-NS	SFT-DV	MISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING		38	265	3	4	3	0	0	0	0	0= 3	6	6	5	5	0
											1= 0	0	1	1	2	
	INSTL:	3	3	2	2	2	1	0	1	0	2= 2	1	0	1	0	
	INST:	3	3	2	2	2	1	0	1	0	3= 2	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING		60	1120	56	60	56	1	1	3	0	0= 4	9	9	7	7	0
											1= 0	1	0	1	2	
	INSTL:	7	7	4	4	4	1	2	2	0	2= 3	0	1	1	0	
	INST:	7	7	4	4	4	1	2	2	0	3= 3	0	0	1	1	
	(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING		112	2547	128	195	163	17	7	4	4	0= 9	17	17	14	14	0
											1= 0	1	0	1	3	
	INSTL:	16	16	11	11	11	1	3	2	1	2= 6	0	1	2	0	
	INST:	16	16	11	11	11	1	3	2	1	3= 4	1	1	2	1	
	(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING		131	3305	110	138	122	0	6	2	6	0= 6	16	16	13	13	0
											1= 1	1	0	1	2	
	INSTL:	16	16	12	12	12	1	4	2	2	2= 4	0	1	3	2	
	INST:	16	16	12	12	12	1	4	2	2	3= 6	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES		3	80	3	9	3	0	2	4	0	0= 2	5	5	5	5	0
											1= 0	0	0	0	0	
	INSTL:	1	1	1	1	1	0	1	1	0	2= 2	0	0	0	0	
	INST:	1	1	1	1	1	0	1	1	0	3= 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES		15	329	11	24	14	0	5	5	0	0= 6	9	9	8	8	0
											1= 0	0	0	2	2	
	INSTL:	5	5	3	7	4	0	4	3	0	2= 4	1	1	0	0	
	INST:	5	5	3	7	4	0	4	3	0	3= 2	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES		83	4151	332	375	338	0	10	20	7	0= 7	18	17	14	14	0
											1= 6	0	1	3	3	
	INSTL:	19	19	15	15	15	0	4	7	3	2= 8	2	1	1	1	
	INST:	19	19	15	15	15	0	4	7	3	3= 1	0	1	2	1	
	(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS		181	5136	263	278	249	7	11	7	5	0= 24	38	38	31	31	0
											1= 2	0	1	[illegible]	5	
	INSTL:	38	38	31	30	30	2	7	8	3	2= 7	1	0	3	1	
	INST:	37	37	30	29	29	2	7	8	3	3= 6	0	0	1	1	
	(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY		3	10	0	0	0	0	0	0	0	0= 2	7	7	5	5	0
											1= 0	0	0	1	2	
	INSTL:	1	1	0	0	0	0	0	0	0	2= 3	0	0	0	0	
	INST:	1	1	0	0	0	0	0	0	0	3= 2	0	0	1	1	
	(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY		74	2022	44	66	47	2	6	3	4	0= 11	23	23	18	18	0
											1= 5	0	1	4	5	
	INSTL:	23	23	15	16	15	2	5	3	1	2= 5	2	1	3	1	
	INST:	23	23	15	16	15	2	5	3	1	3= 4	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
PHYSICS		93	1583	59	88	69	5	10	3	4	0= 11	25	24	16	16	0
											1= 4	0	2	3	6	
	INSTL:	18	19	13	19	15	3	6	3	1	2= 8	2	1	6	2	
	INST:	18	19	13	19	15	3	6	3	1	3= 4	0	0	2	3	
	(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY		27	456	23	43	25	4	11	3	0	0= 6	14	15	[illegible]	13	0
											1= 2	0	1	1	2	
	INSTL:	12	11	8	12	9	2	9	3	1	2= 7	2	0	2	0	
	INST:	12	11	8	12	9	2	9	3	1	3= 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
ECONOMICS		38	846	22	35	24	0	9	4	0	0= 10	17	17	15	15	0
											1= 2	0	1	0	1	
	INSTL:	14	14	10	14	13	0	6	4	0	2= 5	1	0	2	0	
	INST:	14	14	10	14	13	0	6	4	0	3= 1	0	0	1	1	
	(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES		14	271	45	77	44	0	30	2	1	0= 4	9	10	9	9	0
											1= 2	0	0	2	2	
	INSTL:	8	8	5	8	5	0	5	4	1	2= 3	2	1	0	0	
	INST:	8	8	5	8	5	0	5	4	1	3= 2	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
EDUCATION		9	173	6	41	17	3	10	5	4	0= 6	12	12	11	11	0
											1= 1	0	1	1	1	
	INSTL:	6	6	3	10	7	2	6	5	1	2= 4	1	0	1	0	
	INST:	6	6	3	10	7	2	6	5	1	3= 2	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE		120	6844	249	291	243	0	17	21	9	0= 17	30	30	23	23	0
											1= 2	0	1	3	6	
	INSTL:	32	32	28	27	26	0	7	9	5	2= 11	2	1	5	1	
	INST:	32	32	28	27	26	0	7	9	5	3= 2	0	0	1	1	
	(NUMBER REPORTING PER CATEGORY)															
ALL OTHER		94	992	96	119	113	10	5	4	288	0= 5	12	12	10	10	0
											1= 3	0	0	2	3	
	INSTL:	11	11	9	11	9	1	3	3	3	2= 3	1	1	1	0	
	INST:	11	11	9	11	9	1	3	3	3	3= 2	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PRIVATE;MASTERS; 10000-19999)

TOTAL NUMBER OF INSTITUTIONS = 2 TOTAL NO. OF INSTAL REPORTING FORM2 = 2
TOTAL NUMBER OF INSTITUTIONS REPORTING = 2 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 2

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 0; COLLEGE OR UNIV. 0; COMMERCIAL 0

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE NR ** GRAD AND UNDGR ** COURSES	STDNTS	THOUSS	** COST OF SVCS, RES AND INSTR (THOUSS)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SFT-DV	DISC	C REVL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB,
CHEMICAL ENGINEERING	0	0	0	0	0	0	0	0	0	0-	0	0	0	0	0
										1-	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2-	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	0	0	0	0	0	0	0	0	0	0-	0	0	0	0	0
										1-	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2-	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	0	0	0	0	0	0	0	0	0	0-	1	0	0	1	1	0
										1-	0	1	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2-	0	0	1	0	
INST:	0	0	0	0	0	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	12	210	8	9	8	0	1	0	0	0-	2	1	1	2	2	0
										1-	0	0	0	0	
INSTL:	2	8	1	1	1	0	1	0	1	2-	0	1	0	0	
INST:	2	2	1	1	1	0	1	0	1	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	0	0	0	0-	0	0	0	0	0	0
										1-	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2-	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	0	0	0	0	0	0	0	0	0	0-	0	0	0	0	0	0
										1-	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2-	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	9	135	8	8	8	0	0	0	0	0-	1	1	1	1	1	0
										1-	0	0	0	0	
INSTL:	1	1	1	1	1	0	0	0	0	2-	0	0	0	0	
INST:	1	1	1	1	1	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	3	50	0	1	0	0	1	0	0	0-	2	1	1	2	2	0
										1-	0	0	0	0	
INSTL:	2	2	0	1	0	0	1	0	0	2-	0	1	1	0	
INST:	2	2	0	1	0	0	1	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	0	0	0	0	0	0	0	0	0	0-	0	0	0	0	0	0
										1-	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2-	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	2	25	0	3	0	0	3	0	0	0-	2	1	1	1	1	0
										1-	0	0	0	1	
INSTL:	2	2	0	1	0	0	1	0	0	2-	0	1	1	0	
INST:	2	2	0	1	0	0	1	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	0	0	0	0	0	0	0	0	0	0-	0	0	0	0	0	0
										1-	0	0	0	0	
INSTL:	0	0	0	0	0	0	0	0	0	2-	0	0	0	0	
INST:	0	0	0	0	0	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	1	15	0	5	0	0	5	0	0	0-	1	1	1	1	1	0
										1-	0	0	0	0	
INSTL:	1	1	0	1	0	0	1	0	1	2-	0	0	0	0	
INST:	1	1	0	1	0	0	1	0	1	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	7	105	1	2	1	0	1	0	0	0-	1	1	1	1	1	0
										1-	0	0	0	0	
INSTL:	1	1	1	1	1	0	1	0	1	2-	0	0	0	0	
INST:	1	1	1	1	1	0	1	0	1	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	11	165	1	2	1	0	0	0	1	0-	1	1	1	1	1	0
										1-	0	0	0	0	
INSTL:	1	1	1	1	1	0	1	0	1	2-	0	0	0	0	
INST:	1	1	1	1	1	0	1	0	1	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	1	15	0	0	0	0	0	0	0	0-	1	1	1	1	1	0
										1-	0	0	0	0	
INSTL:	1	1	0	0	0	0	0	0	0	2-	0	0	0	0	
INST:	1	1	0	0	0	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	21	315	5	6	5	0	1	0	0	0-	1	1	1	1	1	0
										1-	0	0	0	0	
INSTL:	1	1	1	1	1	0	1	0	1	2-	0	0	0	0	
INST:	1	1	1	1	1	0	1	0	1	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	0	0	0	3	0	0	0	0	3	0-	1	1	1	1	1	0
										1-	0	0	0	0	
INSTL:	0	0	0	1	0	0	0	0	1	2-	0	0	0	0	
INST:	0	0	0	1	0	0	0	0	1	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															

GROUP (PRIVATE,DOCTORATE,BELOW 500)

TOTAL NUMBER OF INSTITUTIONS * 50 TOTAL NO. OF INSTAL REPORTING FORM2 * 5
TOTAL NUMBER OF INSTITUTIONS REPORTING * 30 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 * 5

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 03 COLLEGE OR UNIV. 03 COMMERCIAL 2

ACADEMIC FIELDS AND DISCIPLINES		** STDNT USE, COURSES	GRAD AND UNDGR ** STDNTS	COURSE HR THOUS#	** COST OF SVCS, RES AND INSTR (THOUS$)** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-NS	SPT-DV	MISC	C REGL D COMP E ACT,	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING		3	30	11	450	300	30	120	0	0	0*	0	1	1	1	1	0
											1*	0	0	0	0	0	
	INSTL#	1	1	1	1	1	1	1	0	0	2*	1	0	0	0	0	
	INST:	1	1	1	1	1	1	1	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
CIVIL ENGINEERING		0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0
											1*	0	0	0	0	0	
	INSTL#	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	0	
	INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ELECTRICAL ENGINEERING		0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0
											1*	0	0	0	0	0	
	INSTL#	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	0	
	INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
OTHER ENGINEERING		0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0
											1*	0	0	0	0	0	
	INSTL#	0	0	0	1	0	0	0	0	0	2*	0	0	0	0	0	
	INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ENVIRONMENTAL SCIENCES		0	0	0	10	0	0	10	0	0	0*	0	1	1	1	1	0
											1*	0	1	0	1	0	
	INSTL#	0	0	0	1	0	0	1	0	0	2*	1	0	1	0	0	
	INST:	0	0	0	1	0	0	1	0	0	3*	1	0	0	0	1	
	(NUMBER REPORTING PER CATEGORY)																
LIFE SCIENCES		5	104	12	90	12	28	40	10	0	0*	2	4	3	3	3	0
											1*	0	1	0	1	2	
	INSTL#	2	2	2	4	2	1	2	1	0	2*	1	0	2	1	0	
	INST:	2	2	2	4	2	1	2	1	0	3*	2	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
COMPUTER SCIENCES		3	40	30	36	30	0	0	4	0	0*	0	0	0	0	0	0
											1*	0	1	0	1	0	
	INSTL#	1	1	1	1	1	0	0	1	0	2*	0	0	1	0	1	
	INST:	1	1	1	1	1	0	0	1	0	3*	1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
MATHEMATICS AND STATISTICS		3	60	15	19	16	0	3	0	0	0*	0	1	1	1	1	0
											1*	0	1	0	1	0	
	INSTL#	1	1	1	2	1	0	1	0	0	2*	1	0	1	0	1	
	INST:	1	1	1	2	1	0	1	0	0	3*	1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ASTRONOMY		0	0	0	23	0	0	23	0	0	0*	0	0	0	0	0	0
											1*	0	1	0	1	0	
	INSTL#	0	0	0	1	0	0	1	0	0	2*	0	0	1	0	1	
	INST:	0	0	0	1	0	0	1	0	0	3*	1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
CHEMISTRY		2	50	7	675	650	0	25	0	0	0*	0	1	1	1	1	0
											1*	0	1	0	1	0	
	INSTL#	1	1	1	2	1	0	2	0	0	2*	1	0	1	0	1	
	INST:	1	1	1	2	1	0	2	0	0	3*	1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
PHYSICS		2	50	6	700	650	0	50	0	0	0*	0	1	1	1	1	0
											1*	0	1	0	1	0	
	INSTL#	1	1	1	2	1	0	2	0	0	2*	1	0	1	0	1	
	INST:	1	1	1	2	1	0	2	0	0	3*	1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
PSYCHOLOGY		2	50	10	40	15	0	25	0	0	0*	0	2	2	2	2	1
											1*	0	0	0	0	0	
	INSTL#	1	1	1	1	1	0	1	0	0	2*	2	0	0	0	0	
	INST:	1	1	1	1	1	0	1	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ECONOMICS		1	25	3	4	4	0	0	0	0	0*	0	1	1	1	1	0
											1*	0	0	0	0	0	
	INSTL#	1	1	1	1	1	0	0	0	0	2*	1	0	0	0	0	
	INST:	1	1	1	1	1	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
OTHER SOCIAL SCIENCES		1	25	3	3	3	0	0	0	0	0*	0	1	1	1	1	0
											1*	0	0	0	0	0	
	INSTL#	1	1	1	1	1	0	0	0	0	2*	1	0	0	0	0	
	INST:	1	1	1	1	1	0	0	1	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
EDUCATION		0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0
											1*	0	0	0	0	0	
	INSTL#	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	0	
	INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
BUSINESS AND COMMERCE		0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0
											1*	0	0	0	0	0	
	INSTL#	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	0	
	INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																
ALL OTHER		0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0
											1*	0	0	0	0	0	
	INSTL#	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	0	
	INST:	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)																

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PRIVATE,DOCTORATE,500-2499)

TOTAL NUMBER OF INSTITUTIONS = 34 TOTAL NO. OF INSTNL REPORTING FORM2 = 20
TOTAL NUMBER OF INSTITUTIONS REPORTING = 27 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 15

USE OF OFF-CAMPUS COMPUTERS BY INSTN: COOP. OR NON-PROFIT 03 COLLEGE OR UNIV. 53 COMMERCIAL 4

ACADEMIC FIELDS AND DISCIPLINES	STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUS$	** COST OF SVCS, RES AND INSTR (THOUS$)** TOTAL	ALL INSTR	FAC-SP	FAC-NS	RESEARCH SFT-DV	MISC	C REGL O COMP E ACT.	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING	12	45	28	29	29	0	0	0	0	0-	3	3	3	3	0
										1-	0	0	0	0	
INSTN:	2	1	2	2	2	0	0	0	0	2-	0	0	0	0	
INST:	2	1	2	2	2	0	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING	19	110	18	31	19	10	2	0	0	0-	3	4	4	4	0
										1-	0	0	0	0	
INSTN:	3	2	3	3	3	1	1	0	0	2-	1	0	0	0	
INST:	3	2	3	3	3	1	1	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING	22	225	65	99	66	0	22	11	0	0-	4	5	5	5	0
										1-	0	0	0	0	
INSTN:	4	3	4	4	4	1	2	1	1	2-	1	0	0	0	
INST:	3	3	3	3	3	1	2	1	1	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING	59	345	66	136	107	7	22	1	0	0-	7	8	8	8	0
										1-	0	0	0	0	
INSTN:	6	5	6	7	6	2	4	1	0	2-	0	0	0	0	
INST:	5	5	5	6	5	2	4	1	0	3-	1	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES	7	20	5	0	0	0	0	0	0	0-	1	3	3	3	0
										1-	0	0	0	0	
INSTN:	1	1	1	1	0	1	0	0	0	2-	0	0	0	0	
INST:	1	1	1	1	0	1	0	0	0	3-	0	0	0	0	
(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES	10	74	6	246	8	89	24	126	0	0-	5	7	6	8	0
										1-	1	3	1	2	
INSTN:	7	8	5	8	7	4	4	2	0	2-	2	0	0	0	
INST:	7	8	5	8	7	4	4	2	0	3-	2	0	3	0	
(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES	39	799	70	122	70	38	12	2	0	0-	6	10	8	8	0
										1-	2	0	1	2	
INSTN:	9	8	7	8	8	2	3	2	0	2-	2	0	1	0	
INST:	9	8	7	8	8	2	3	2	0	3-	0	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS	51	761	38	48	41	0	6	2	0	0-	7	12	11	10	1
										1-	1	0	0	2	
INSTN:	11	10	9	9	9	0	4	2	0	2-	3	0	1	0	
INST:	11	10	9	9	9	0	4	2	0	3-	1	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY	1	63	10	12	10	2	0	0	0	0-	3	5	4	4	0
										1-	0	0	0	0	
INSTN:	1	2	2	2	2	1	0	0	0	2-	1	0	1	0	
INST:	1	2	2	2	2	1	0	0	0	3-	1	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY	42	613	56	297	56	3	3	0	0	0-	5	9	8	7	1
										1-	2	1	0	1	
INSTN:	10	9	6	8	8	1	3	0	0	2-	2	0	2	1	
INST:	10	9	6	8	8	1	3	0	0	3-	1	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
PHYSICS	36	533	20	280	47	224	9	1	0	0-	9	12	11	10	1
										1-	2	1	0	1	
INSTN:	12	11	8	10	9	2	4	1	0	2-	1	0	2	1	
INST:	12	11	8	9	9	2	4	1	0	3-	1	0	0	1	
(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY	22	448	29	57	29	0	25	2	0	0-	2	5	5	1	1	2
										1-	2	1	0	5	1
INSTN:	5	6	5	5	5	1	3	1	0	2-	1	0	1	0	3
INST:	5	6	5	5	5	1	5	1	0	3-	1	0	0	0	1
(NUMBER REPORTING PER CATEGORY)															
ECONOMICS	14	208	14	25	16	0	9	0	0	0-	6	9	8	6	4	1
										1-	1	0	0	3	0
INSTN:	8	8	6	7	7	0	3	1	0	2-	1	0	1	0	1
INST:	8	8	6	7	7	0	3	1	0	3-	1	0	0	0	2
(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES	12	137	8	11	6	0	4	0	0	0-	4	7	6	5	5	0
										1-	1	0	0	2	0
INSTN:	7	7	3	5	4	0	3	0	0	2-	1	0	1	0	1
INST:	7	7	3	5	4	0	3	0	0	3-	1	0	0	0	1
(NUMBER REPORTING PER CATEGORY)															
EDUCATION	8	138	7	11	7	0	4	0	0	0-	3	5	4	4	4	2
										1-	0	0	0	1	0
INSTN:	3	4	2	3	2	0	2	0	0	2-	2	0	1	0	1
INST:	3	4	2	3	2	0	2	0	0	3-	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE	25	143	11	15	14	0	1	0	0	0-	3	5	5	5	5	0
										1-	0	0	0	0	0
INSTN:	4	3	4	4	4	0	1	0	0	2-	2	0	0	0	0
INST:	4	3	4	4	4	0	1	0	0	3-	0	0	0	0	0
(NUMBER REPORTING PER CATEGORY)															
ALL OTHER	17	181	24	46	25	0	11	0	10	0-	3	7	7	5	5	0
										1-	0	0	0	1	1
INSTN:	4	5	5	6	5	0	3	1	2	2-	1	0	0	1	0
INST:	4	5	5	5	5	0	3	1	2	3-	3	0	0	0	1
(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PRIVATE,DOCTORATE,2500-9999)

TOTAL NUMBER OF INSTITUTIONS = 55 TOTAL NO. OF INSTAL REPORTING FORM2 = 42
TOTAL NUMBER OF INSTITUTIONS REPORTING = 46 TOTAL NUMBER OF INSTITUTIONS RPTING. FORM2 = 30

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 13 COLLEGE OR UNIV. 83 COMMERCIAL 10

ACADEMIC FIELDS AND DISCIPLINES		** GRAD COURSES	STDNT USE, COURSE WK ** UNDGR STDNTS	THOUSB	** COST OF SVCS, RES AND INSTR (THOUSB)** TOTAL	ALL INSTR	RESEARCH FAC-NS	FAC-SP	SFT-OV	MISC	C REGL O COMP E ACT,	** OTHR COMP USE ** ON- CAMP	MODE	OFF- CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING		140	2498	65	318	109	69	100	1	2	0= 5	19	17	20	20	1
											1= 0	3	1	0	3	
	INSTL:	18	18	13	19	17	13	14	1	2	2= 8	0	3	4	2	
	INST:	18	18	13	19	17	13	14	1	2	3= 11	2	3	0	0	
	(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING		174	2528	204	1349	206	76	47	26	1	0= 7	20	19	20	20	1
											1= 0	2	0	2	3	
	INSTL:	21	20	17	22	19	11	14	4	1	2= 10	1	3	2	2	
	INST:	21	20	17	21	19	11	14	4	1	3= 8	2	3	1	1	
	(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING		240	4719	381	1813	426	763	55	37	1	0= 8	18	16	25	25	0
											1= 5	8	4	1	5	
	INSTL:	27	26	22	25	24	18	20	5	1	2= 10	3	7	4	0	
	INST:	25	24	21	23	23	17	18	5	1	3= 8	2	4	1	1	
	(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING		393	5985	486	2493	480	1251	758	6	26	0= 12	24	24	25	25	2
											1= 2	5	1	2	5	
	INSTL:	28	27	24	26	24	21	21	2	2	2= 10	2	3	5	4	
	INST:	24	23	23	23	23	20	20	2	2	3= 11	4	7	3	2	
	(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES		18	423	35	191	60	79	30	5	9	0= 8	19	19	20	20	3
											1= 0	1	0	0	0	
	INSTL:	9	9	8	16	11	11	11	1	3	2= 6	1	1	0	2	
	INST:	9	9	8	16	11	11	11	1	3	3= 8	1	2	2	1	
	(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES		22	373	19	645	39	426	119	37	24	0= 5	20	20	22	22	3
											1= 2	2	0	1	0	
	INSTL:	11	12	11	20	13	10	12	4	4	2= 8	2	3	1	0	
	INST:	10	11	10	19	12	15	12	4	4	3= 12	3	4	3	4	
	(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES		261	8578	604	1742	507	317	123	652	70	0= 9	22	19	24	24	10
											1= 4	3	2	4	2	
	INSTL:	25	24	26	27	27	8	13	5	4	2= 8	2	4	1	1	
	INST:	24	23	25	26	26	7	13	4	4	3= 9	3	5	1	3	
	(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS		129	4853	227	445	272	56	82	38	1	0= 12	36	34	31	31	1
											1= 1	0	0	4	3	
	INSTL:	32	31	27	34	31	11	19	4	3	2= 11	0	1	3	2	
	INST:	32	31	27	34	31	11	19	4	3	3= 15	3	4	1	3	
	(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY		12	87	6	167	52	53	46	0	18	0= 4	11	10	12	12	0
											1= 0	2	0	1	2	
	INSTL:	5	6	2	7	7	3	4	0	1	2= 7	0	1	1	0	
	INST:	5	6	2	7	7	3	4	0	1	3= 3	1	3	0	0	
	(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY		87	1271	112	1161	282	359	448	30	26	0= 8	27	24	21	21	0
											1= 1	5	3	6	5	
	INSTL:	28	27	16	32	24	24	28	3	4	2= 11	1	2	6	7	
	INST:	28	27	16	31	24	23	25	3	4	3= 15	2	6	2	2	
	(NUMBER REPORTING PER CATEGORY)															
PHYSICS		84	1489	97	1927	302	453	815	35	115	0= 11	29	28	23	23	10
											1= 1	7	2	10	4	
	INSTL:	27	26	19	33	23	24	21	4	4	2= 11	1	3	5	4	
	INST:	27	26	19	30	23	23	21	4	4	3= 17	3	7	2	4	
	(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY		59	1413	82	252	96	73	83	7	2	0= 10	31	29	24	24	5
											1= 1	1	1	5	2	
	INSTL:	18	18	17	27	20	13	23	2	2	2= 7	0	0	2	4	
	INST:	18	18	17	27	20	13	23	2	2	3= 14	0	2	1	2	
	(NUMBER REPORTING PER CATEGORY)															
ECONOMICS		67	2191	185	526	219	163	130	10	2	0= 10	30	29	24	24	3
											1= 0	0	0	4	3	
	INSTL:	22	21	17	23	20	10	16	4	3	2= 7	1	0	3	2	
	INST:	22	21	17	23	20	10	16	4	3	3= 14	0	2	0	2	
	(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES		64	1177	143	516	173	158	149	27	42	0= 11	29	27	26	26	5
											1= 2	2	0	2	3	
	INSTL:	20	19	17	24	19	13	16	5	4	2= 7	1	2	4	3	
	INST:	19	18	15	22	17	13	15	5	4	3= 13	1	4	1	1	
	(NUMBER REPORTING PER CATEGORY)															
EDUCATION		20	386	100	277	190	55	28	4	1	0= 7	19	17	18	18	0
											1= 0	1	0	2	0	
	INSTL:	10	10	5	12	10	2	6	3	1	2= 8	0	2	0	3	
	INST:	10	10	5	12	10	2	6	3	1	3= 5	0	1	0	1	
	(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE		232	7864	448	614	427	39	104	7	7	0= 11	23	23	19	19	1
											1= 2	0	1	6	3	
	INSTL:	24	23	19	23	18	3	17	2	2	2= 9	4	0	2	4	
	INST:	23	22	19	22	18	3	17	2	2	3= 7	2	5	2	4	
	(NUMBER REPORTING PER CATEGORY)															
ALL OTHER		347	9521	836	3476	972	1970	530	849	282	0= 8	21	21	20	20	10
											1= 1	1	3	1	2	
	INSTL:	12	13	14	25	18	18	16	5	5	2= 8	3	0	2	3	
	INST:	12	13	14	24	17	17	16	5	5	3= 12	4	5	6	4	
	(NUMBER REPORTING PER CATEGORY)															

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PRIVATE)(DOCTORATE)(10000-19999)

TOTAL NUMBER OF INSTITUTIONS = 20 TOTAL NO. OF INSTAL REPORTING FORM2 = 42
TOTAL NUMBER OF INSTITUTIONS REPORTING = 14 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 = 12

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP. OR NON-PROFIT 03 COLLEGE OR UNIV. 03 COMMERCIAL 0

ACADEMIC FIELDS AND DISCIPLINES	** GRAD AND UNDGR ** COURSES	STDNTS	COURSE HR STDNTS THOUS	** COST OF SVCS, RES AND INSTR (THOUS$) ** TOTAL	ALL INSTR	RESEARCH FAC-SP	FAC-AS	SFT-DV	MISC	C NEGL D COMP E ACT.	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING	44	552	22	143	54	28	32	11	12	0= 3	11	10	12	12	0
INSTL:	8	8	7	8	7	5	6			1= 0	1	0	0	1	
INST:	7	6	7	7	6	5	6	1	1	2= 4	1	1	1	0	
(NUMBER REPORTING PER CATEGORY)									1	3= 6	0	2	0	0	
CIVIL ENGINEERING	65	1049	104	474	219	104	151	2	2	0= 3	12	11	12	12	2
INSTL:	11	10	10	11	10	9	9			1= 0	2	1	0	1	
INST:	10	9	9	10	9	8	8	1	1	2= 4	1	1	1	2	
(NUMBER REPORTING PER CATEGORY)								1	1	3= 8	0	2	2	0	
ELECTRICAL ENGINEERING	146	3507	329	837	337	306	96	32	27	0= 3	6	6	10	10	2
INSTL:	13	14	13	13	12	10	10			1= 1	7	2	1	2	
INST:	11	10	10	10	9	8	9	4	2	2= 5	2	5	3	2	
(NUMBER REPORTING PER CATEGORY)								3	2	3= 7	1	3	2	2	
OTHER ENGINEERING	133	4597	371	1218	464	593	197	2	2	0= 4	9	9	12	12	2
INSTL:	13	12	12	13	11	9	10			1= 1	4	2	0	1	
INST:	11	10	11	11	10	7	9	1	1	2= 4	1	1	1	0	
(NUMBER REPORTING PER CATEGORY)								1	1	3= 6	1	3	2	2	
ENVIRONMENTAL SCIENCES	61	620	48	219	92	80	36	6	4	0= 5	14	14	14	14	1
INSTL:	6	6	6	10	9	8	8			1= 0	1	1	0	1	
INST:	6	6	6	10	9	8	8	1	2	2= 5	1	1	2	1	
(NUMBER REPORTING PER CATEGORY)								1	2	3= 6	0	0	0	0	
LIFE SCIENCES	22	592	132	1938	167	1345	228	197	3	0= 8	18	17	19	19	2
INSTL:	10	9	8	21	14	15	18			1= 0	4	1	0	2	
INST:	8	7	7	13	11	11	12	4	3	2= 6	2	5	3	2	
(NUMBER REPORTING PER CATEGORY)								3	3	3= 12	2	3	4	3	
COMPUTER SCIENCES	155	8734	610	1943	732	1103	54	47	6	0= 6	12	12	17	17	22
INSTL:	16	17	16	17	14	8	6			1= 1	6	1	0	3	
INST:	13	12	13	13	12	7	6	5	1	2= 7	2	3	3	0	
(NUMBER REPORTING PER CATEGORY)								5	1	3= 7	1	5	1	1	
MATHEMATICS AND STATISTICS	86	5899	183	276	191	26	18	11	4	0= 6	17	16	18	18	2
INSTL:	16	15	16	17	15	10	10			1= 1	2	1	1	3	
INST:	12	11	12	14	12	9	9	3	1	2= 5	3	3	3	1	
(NUMBER REPORTING PER CATEGORY)								3	1	3= 10	0	2	0	0	
ASTRONOMY	8	17	4	66	13	31	19	1	3	0= 5	13	13	12	12	0
INSTL:	4	2	2	4	3	4	4			1= 0	1	1	0	1	
INST:	4	2	2	6	3	4	4	1	1	2= 4	0	0	1	1	
(NUMBER REPORTING PER CATEGORY)								1	1	3= 5	0	0	1	0	
CHEMISTRY	28	512	10	739	45	412	276	9	8	0= 4	13	13	10	10	2
INSTL:	11	10	7	17	12	12	12			1= 2	4	1	2	1	
INST:	11	10	7	15	11	10	12	3	1	2= 4	2	2	3	4	
(NUMBER REPORTING PER CATEGORY)								3	1	3= 9	0	3	4	2	
PHYSICS	28	521	46	1175	60	548	188	4	34	0= 4	11	11	11	11	2
INSTL:	11	11	9	17	11	12	11			1= 0	7	3	2	3	
INST:	10	10	9	14	10	10	11	1	2	2= 6	3	4	4	7	
(NUMBER REPORTING PER CATEGORY)								1	2	3= 11	0	3	4	0	
PSYCHOLOGY	29	1079	59	532	55	380	61	19	1	0= 6	16	16	14	14	2
INSTL:	15	14	12	17	14	10	14			1= 1	2	0	1	4	
INST:	14	13	12	14	13	10	13	4	1	2= 4	1	1	4	1	
(NUMBER REPORTING PER CATEGORY)								4	1	3= 8	0	2	0	0	
ECONOMICS	34	813	21	1059	35	789	89	58	19	0= 5	17	16	13	13	2
INSTL:	10	9	9	15	12	10	12			1= 0	0	0	1	3	
INST:	10	9	9	15	12	10	12	3	2	2= 4	1	0	4	1	
(NUMBER REPORTING PER CATEGORY)								3	2	3= 9	0	2	0	0	
OTHER SOCIAL SCIENCES	77	1689	103	480	118	185	90	7	50	0= 4	16	16	14	14	1
INSTL:	12	11	12	16	13	10	12			1= 0	0	0	1	1	
INST:	12	11	12	14	13	10	12	3	2	2= 4	2	1	3	3	
(NUMBER REPORTING PER CATEGORY)								3	2	3= 10	0	1	0	0	
EDUCATION	41	424	88	402	112	238	38	6	8	0= 6	18	18	18	18	2
INSTL:	13	11	12	16	14	9	13			1= 0	3	0	0	2	
INST:	10	9	10	13	11	8	12	2	3	2= 4	1	2	1	0	
(NUMBER REPORTING PER CATEGORY)								2	2	3= 11	1	1	2	1	
BUSINESS AND COMMERCE	249	13559	774	1437	868	128	327	29	30	0= 4	13	13	12	12	2
INSTL:	18	17	16	17	16	10	13			1= 1	6	1	1	4	
INST:	17	16	16	16	15	9	12	3	1	2= 6	1	1	3	1	
(NUMBER REPORTING PER CATEGORY)								3	1	3= 9	0	5	4	3	
ALL OTHER	160	2571	191	1330	221	989	197	38	239	0= 8	17	16	15	15	1
INSTL:	11	11	12	17	13	11	11			1= 0	2	0	0	1	
INST:	10	10	11	14	11	10	11	4	3	2= 2	1	2	3	2	
(NUMBER REPORTING PER CATEGORY)								3	3	3= 11	1	3	3	4	

SUMMARY OF INSTRUCTIONAL AND RESEARCH USE

GROUP (PRIVATE,DOCTORATE,ABOVE 2000G)

TOTAL NUMBER OF INSTITUTIONS * 4 TOTAL NO. OF INSTAL REPORTING FORM2 * 10
TOTAL NUMBER OF INSTITUTIONS REPORTING * 3 TOTAL NUMBER OF INSTITUTIONS RPTING FORM2 * 2

USE OF OFF-CAMPUS COMPUTERS BY INSTAL: COOP, OR NON-PROFIT 0; COLLEGE OR UNIV. 0; COMMERCIAL 0

ACADEMIC FIELDS AND DISCIPLINES		STDNT USE, COURSE WK ** GRAD AND UNDGR ** COURSES	STDNTS	THOUS$	** COST OF SVCS, RES AND INSTR (THOUS$)** TOTAL	ALL INSTR	****** FAC-SP	RESEARCH FAC-NS	SFT-DV	****** MISC	C REGL COMP E ACT.	** OTHR COMP USE ** ON-CAMP	MODE	OFF-CAMP	MODE	LANG SUB.
CHEMICAL ENGINEERING		11	222	6	36	11	4	11	0	0	0- 2	2	2	2	2	0
											1- 0	0	0	1	0	
	INSTL:	2	2	2	3	2	2	2	0	0	2- 0	1	1	0	1	
	INST:	2	2	2	2	2	2	2	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
CIVIL ENGINEERING		55	1105	60	82	68	3	11	0	0	0- 1	1	1	1	1	0
											1- 0	0	0	1	1	
	INSTL:	2	2	2	2	2	2	2	0	0	2- 0	1	1	0	0	
	INST:	2	2	2	2	2	2	2	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
ELECTRICAL ENGINEERING		63	1263	58	81	66	2	5	4	0	0- 2	2	2	3	3	0
											1- 0	0	0	0	0	
	INSTL:	2	2	2	3	2	2	2	2	1	2- 0	1	1	0	0	
	INST:	2	2	2	2	2	2	2	2	1	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
OTHER ENGINEERING		163	3075	37	229	108	81	28	9	2	0- 2	2	2	4	4	0
											1- 1	1	0	1	0	
	INSTL:	4	4	4	5	4	3	3	1	2	2- 0	1	1	0	1	
	INST:	3	3	3	3	3	2	3	1	2	3- 2	1	2	0	0	
	(NUMBER REPORTING PER CATEGORY)															
ENVIRONMENTAL SCIENCES		8	160	3	50	7	37	4	0	0	0- 2	2	2	3	3	0
											1- 0	0	0	0	0	
	INSTL:	1	1	1	2	1	1	1	0	0	2- 0	1	1	0	0	
	INST:	1	1	1	2	1	1	1	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
LIFE SCIENCES		5	107	6	26	9	1	5	0	0	0- 2	4	3	5	5	0
											1- 0	0	0	0	0	
	INSTL:	3	4	2	4	2	1	3	0	0	2- 2	1	2	0	0	
	INST:	3	3	2	3	2	1	2	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
COMPUTER SCIENCES		51	3390	116	664	141	300	0	114	0	0- 1	4	3	6	6	0
											1- 2	1	0	0	0	
	INSTL:	6	6	5	6	5	1	1	3	0	2- 2	0	3	0	0	
	INST:	3	3	3	3	3	1	1	2	0	3- 1	1	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
MATHEMATICS AND STATISTICS		75	2284	65	159	96	0	32	0	0	0- 2	5	4	6	6	0
											1- 0	0	0	0	0	
	INSTL:	6	6	5	6	5	1	4	1	1	2- 3	1	2	0	0	
	INST:	3	3	3	3	3	1	3	1	1	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
ASTRONOMY		0	2	0	16	0	0	16	0	0	0- 0	1	1	2	2	0
											1- 0	0	0	0	0	
	INSTL:	0	1	0	2	1	0	1	0	0	2- 1	1	1	0	0	
	INST:	0	1	0	2	1	0	1	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
CHEMISTRY		13	209	9	188	19	16	150	0	0	0- 2	3	3	4	4	0
											1- 0	0	0	0	0	
	INSTL:	2	3	2	4	3	2	2	0	0	2- 1	1	1	0	0	
	INST:	2	3	2	3	3	2	2	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
PHYSICS		18	291	11	132	14	8	101	0	0	0- 2	3	3	4	4	0
											1- 0	0	0	0	0	
	INSTL:	2	3	3	4	3	3	3	0	0	2- 1	0	1	0	0	
	INST:	2	3	3	3	3	3	3	0	0	3- 1	1	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
PSYCHOLOGY		13	501	4	223	12	195	12	0	0	0- 3	5	4	5	5	0
											1- 0	0	0	0	0	
	INSTL:	3	3	2	5	3	2	3	0	0	2- 2	0	1	0	0	
	INST:	3	3	2	3	2	1	3	0	0	3- 0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
ECONOMICS		53	215	29	70	31	0	37	0	0	0- 2	5	4	5	5	0
											1- 0	0	0	0	0	
	INSTL:	4	3	3	5	3	0	3	0	0	2- 3	0	1	0	0	
	INST:	3	2	2	3	2	0	1	0	0	3- 0	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
OTHER SOCIAL SCIENCES		21	267	8	43	18	6	15	0	0	0- 2	4	3	5	5	2
											1- 0	0	0	0	0	
	INSTL:	3	4	2	4	3	1	3	0	0	2- 2	1	2	0	0	
	INST:	3	3	2	3	2	1	2	0	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
EDUCATION		16	531	10	111	41	3	40	18	0	0- 1	4	2	5	5	1
											1- 0	0	0	0	0	
	INSTL:	4	5	3	5	4	2	2	1	0	2- 3	1	3	0	0	
	INST:	3	3	2	3	3	1	1	1	0	3- 1	0	0	0	0	
	(NUMBER REPORTING PER CATEGORY)															
BUSINESS AND COMMERCE		50	1548	71	147	105	0	26	0	0	0- 1	4	3	2	2	0
											1- 0	0	0	0	2	
	INSTL:	4	4	3	4	3	0	3	0	0	2- 3	0	0	2	0	
	INST:	3	3	2	3	2	0	2	0	0	3- 0	0	1	0	0	
	(NUMBER REPORTING PER CATEGORY)															
ALL OTHER		16	1309	19	98	19	0	0	67	0	0- 1	2	2	3	3	0
											1- 0	0	0	0	0	
	INSTL:	2	2	1	2	1	0	0	1	0	2- 2	0	0	0	0	
	INST:	2	2	1	2	1	0	0	1	0	3- 0	1	1	0	0	
	(NUMBER REPORTING PER CATEGORY)															

IX. SUMMARIES FROM FORM 3 - LINE 3
COMPUTER SCIENCE AND RELATED DEGREE PROGRAMS: STAFF, MAJORS AND DEGREES AWARDED

The following variables and levels were used for summarizing the responses:

Type of Control	Highest Degree Offered	Fall 1968 Enrollment Class
1. Public	1. Associate	1. Less than 500
2. Private	2. Bachelor's	2. 500 - 2,499
	3. Master's	3. 2,500 - 9,999
	4. Doctorate	4. 10,000 -19,999
		5. 20,000 and above

Summaries for the elementary (three-way) groups, the individual levels (one-way) of the control variables, and the total population are presented provided that there are enough institutions included and/or reporting in the category to preclude identification of the institutions involved (i.e. at least two institutions must have reported in a group for the summary of that group to be included).

Each group summary is identified by the levels of the three control variables. For example, group (Public, Associate, Below 500) identifies the summary for all public institutions offering at most the associate degree and having had an enrollment of less than 500 students during fall 1968. Since all summaries are identical in format, only one will be discussed here as a guide. The total group is chosen for this purpose, i.e., group (, ,), for degree programs within departments.

The first set of summaries for Form 3 - line 3 are by degree programs within each group. The second set are by degree programs within departments. For group (, ,) in the second set we see that in Computer Science degree programs in Computer Science Departments there were 20 associate degree programs, 40 bachelor's degree programs, 37 master's, and 24 doctoral programs reported for 1969-70. These departments reported that they employed 488 full-time staff, 330 research assistants, 432 teaching assistants and 348

other part-time staff for a total FTE of 968. They also reported that 275 of their staff had joint appointments with at least one other department. Of the 447 faculty with doctorates, 152 have doctorates in Computer Science and 295 have doctorates in other fields. Seventeen other staff had doctorates in Computer Science and 27 other staff had doctorates in other fields. Five thousand six hundred seventeen (5617) undergraduates and 2739 graduate students were enrolled as majors in these programs during 1969-70. One hundred fifty-two (152) associate degrees, 569 bachelor's degrees, 368 master's and 113 doctorates were reported awarded in these Computer Sciences programs during 1969-70.

The abbreviations used for degree programs names and departments are as given in the instructions for FORM 3, (see appendix) except that the following were added during the editing process:

Department Codes and Names

CCS	Computer and Communications Sciences
EET	Electrical Engineering Technology
SIS	Systems and Information Sciences

Degree Program Codes and Names

CEN	Computer Engineering
ICS	Information and Control Sciences
SIS	Systems and Information Sciences
NEC	Unknown or not elsewhere classified

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP ( ) ( ) ( ) SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME 86-S	74-S	OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM IN DEPT OF EEN	A 0	0	0	6	0	1	0	9	FACULTY	7	0	GRAD	9	A	0	0
	B 1	1	2						OTHER	0	0	UNDGR	85	B	8	11
	M 1	1	1	NO. JOINT APPTS				1						M	2	3
	D 1	1	1											D	1	0
CPR PROGRAM IN DEPT OF BAD	A 3	3	3	17	0	2	9	18	FACULTY	2	0	GRAD	0	A	15	17
	B 2	2	2						OTHER	0	1	UNDGR	399	B	0	7
	M 0	0	0	NO. JOINT APPTS				4						M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF BUS	A 1	1	1	2	0	0	0	2	FACULTY	0	0	GRAD	0	A	30	30
	B 0	0	0						OTHER	0	0	UNDGR	60	B	0	0
	M 0	0	0	NO. JOINT APPTS				1						M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF CPR	A 5	5	5	24	0	13	0	25	FACULTY	0	0	GRAD	32	A	107	122
	B 0	0	0						OTHER	0	0	UNDGR	600	B	0	0
	M 0	0	0	NO. JOINT APPTS				1						M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF CSC	A 4	4	4	7	0	0	11	10	FACULTY	3	0	GRAD	0	A	120	131
	B 0	0	0						OTHER	0	0	UNDGR	375	B	0	0
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF CTE	A 1	1	2	4	0	9	12	10	FACULTY	0	0	GRAD	0	A	8	14
	B 0	0	0						OTHER	0	0	UNDGR	182	B	4	0
	M 0	0	0	NO. JOINT APPTS				1						M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF OPR	A 22	24	24	67	1	32	51	102	FACULTY	1	0	GRAD	12	A	364	500
	B 1	1	1						OTHER	0	0	UNDGR	2982	B	1	10
	M 0	0	0	NO. JOINT APPTS				15						M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF ENG	A 3	1	1	5	0	0	0	3	FACULTY	0	0	GRAD	0	A	44	5
	B 0	0	0						OTHER	0	0	UNDGR	103	B	0	0
	M 0	0	0	NO. JOINT APPTS				2						M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF ICS	A 0	0	0	2	0	0	7	4	FACULTY	0	0	GRAD	19	A	0	0
	B 0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M 0	0	0	NO. JOINT APPTS				7						M	0	0
	D 1	1	1											D	0	0
CPR PROGRAM IN DEPT OF MAT	A 1	1	1	6	0	3	1	6	FACULTY	0	0	GRAD	0	A	0	0
	B 3	3	3						OTHER	0	0	UNDGR	85	B	11	15
	M 0	0	0	NO. JOINT APPTS				1						M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF NSC	A 0	0	0	1	0	0	0	1	FACULTY	0	0	GRAD	0	A	0	0
	B 1	1	1						OTHER	0	0	UNDGR	0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM IN DEPT OF BAD	A 1	1	1	2	0	0	0	2	FACULTY	0	0	GRAD	0	A	0	2
	B 0	0	0						OTHER	0	0	UNDGR	432	B	0	0
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM IN DEPT OF BUS	A 0	1	1	3	0	0	0	3	FACULTY	0	0	GRAD	0	A	0	30
	B 0	0	0						OTHER	0	0	UNDGR	40	B	0	0
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM IN DEPT OF CCS	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	78	A	0	0
	B 1	1	1						OTHER	0	0	UNDGR	40	B	20	30
	M 1	1	1	NO. JOINT APPTS				0						M	6	5
	D 1	1	1											D	4	3
CSC PROGRAM IN DEPT OF CIS	A 1	1	1	33	31	56	14	75	FACULTY	15	14	GRAD	183	A	0	0
	B 1	3	3						OTHER	14	3	UNDGR	443	B	82	109
	M 3	3	3	NO. JOINT APPTS				15						M	48	65
	D 2	2	2											D	8	11
CSC PROGRAM IN DEPT OF COM	A 2	2	2	78	55	15	84	92	FACULTY	4	30	GRAD	483	A	30	24
	B 1	1	2						OTHER	1	3	UNDGR	190	B	9	18
	M 4	4	4	NO. JOINT APPTS				24						M	95	133
	D 3	3	3											D	5	4
CSC PROGRAM IN DEPT OF CPR	A 1	1	1	4	0	1	0	4	FACULTY	0	0	GRAD	0	A	12	19
	B 0	0	0						OTHER	0	0	UNDGR	40	B	0	0
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM IN DEPT OF CSC	A 20	23	27	488	330	432	348	748	FACULTY	152	295	GRAD	2739	A	153	230
	B 40	52	66						OTHER	17	27	UNDGR	5617	B	569	873
	M 37	39	47	NO. JOINT APPTS				275						M	368	595
	D 24	25	28											D	113	100

SUMMARY BY DEGREE PROGRAMS) CONTINUED (AS OF JUNE 30, 1971)

GROUP ( ) ( )

PROGRAM NAME AND DEPARTMENT	DEGREE	YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME NA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE	FACULTY & OTHER	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	DEGREES AWARDED 70-71
CSC PROGRAM IN DEPT OF CTE	A	1	1	1	9	0	0	0	12	FACULTY	0	5	GRAD	0	A 3	9
	B	1	1	1						OTHER	0	0	UNDGR	2[illegible]	B 10	15
	M	0	0	0	NO. JOINT APPTS				7						M 0	0
	D	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF DPR	A	2	2	2	7	0	7	16	15	FACULTY	0	0	GRAD	0	A 37	56
	B	0	0	0						OTHER	0	0	UNDGR	334	B 0	0
	M	0	0	0	NO. JOINT APPTS				6						M 0	0
	D	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF ECS	A	0	0	0	27	42	9	17	56	FACULTY	6	21	GRAD	126	A 0	0
	B	1	1	1						OTHER	0	0	UNDGR	200	B 51	51
	M	1	1	1	NO. JOINT APPTS				3						M 32	32
	D	1	1	1											D 13	13
CSC PROGRAM IN DEPT OF EEN	A	0	0	0	109	83	57	32	187	FACULTY	51	42	GRAD	543	A 0	0
	B	8	10	11						OTHER	5	5	UNDGR	350	B 39	57
	M	12	13	16	NO. JOINT APPTS				2						M 108	172
	D	9	10	10											D 32	45
CSC PROGRAM IN DEPT OF ENG	A	0	0	0	7	7	1	2	8	FACULTY	0	10	GRAD	22	A 0	0
	B	1	1	1						OTHER	0	0	UNDGR	36	B 12	18
	M	1	1	1	NO. JOINT APPTS				2						M 0	5
	D	1	1	1											D 3	3
CSC PROGRAM IN DEPT OF ICS	A	0	0	0	19	13	9	28	38	FACULTY	12	13	GRAD	136	A 0	0
	B	2	2	2						OTHER	1	0	UNDGR	75	B 12	30
	M	1	1	2	NO. JOINT APPTS				16						M 40	44
	D	2	2	3											D 0	3
CSC PROGRAM IN DEPT OF IEN	A	0	0	0	24	6	18	16	38	FACULTY	3	20	GRAD	331	A 0	0
	B	2	2	2						OTHER	0	0	UNDGR	75	B 20	20
	M	4	4	4	NO. JOINT APPTS				5						M 109	127
	D	2	3	3											D 2	5
CSC PROGRAM IN DEPT OF ISY	A	0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A 0	0
	B	0	1	1						OTHER	0	0	UNDGR	0	B 0	38
	M	0	1	1	NO. JOINT APPTS				0						M 0	5
	D	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF LSC	A	0	0	0	5	0	5	0	8	FACULTY	0	3	GRAD	2	A 0	0
	B	1	1	1						OTHER	0	0	UNDGR	16	B 4	12
	M	0	1	1	NO. JOINT APPTS				0						M 0	1
	D	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF MAT	A	0	0	0	120	6	31	57	184	FACULTY	13	49	GRAD	27	A 0	0
	B	19	23	26						OTHER	1	4	UNDGR	1459	B 63	126
	M	8	8	9	NO. JOINT APPTS				22						M 26	26
	D	3	3	3											D 1	4
CSC PROGRAM IN DEPT OF MSC	A	2	2	3	16	0	14	44	34	FACULTY	3	23	GRAD	0	A 1	3
	B	6	7	8						OTHER	0	1	UNDGR	602	B 41	69
	M	0	1	2	NO. JOINT APPTS				15						M 0	0
	D	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF NEC	A	2	2	2	30	5	12	5	41	FACULTY	8	9	GRAD	28	A 34	60
	B	2	3	3						OTHER	0	0	UNDGR	425	B 25	26
	M	2	3	3	NO. JOINT APPTS				2						M 15	21
	D	1	1	2											D 3	5
CSC PROGRAM IN DEPT OF SCS	A	1	1	1	21	0	12	6	29	FACULTY	4	11	GRAD	55	A 0	0
	B	3	3	3						OTHER	0	1	UNDGR	206	B 15	35
	M	2	2	2	NO. JOINT APPTS				11						M 7	18
	D	1	1	1											D 3	2
CSC PROGRAM IN DEPT OF SIS	A	0	0	0	5	0	3	0	7	FACULTY	4	0	GRAD	0	A 0	0
	B	1	1	1						OTHER	0	0	UNDGR	83	B 4	10
	M	0	1	1	NO. JOINT APPTS				5						M 0	0
	D	0	1	1											D 0	0
CTE PROGRAM IN DEPT OF BUS	A	1	1	1	1	0	0	0	1	FACULTY	0	0	GRAD	0	A 0	0
	B	0	0	0						OTHER	0	0	UNDGR	6	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
CTE PROGRAM IN DEPT OF CSC	A	4	4	4	27	0	1	7	29	FACULTY	0	4	GRAD	0	A 15	30
	B	2	2	2						OTHER	0	1	UNDGR	542	B 2	2
	M	0	0	0	NO. JOINT APPTS				2						M 0	0
	D	0	0	0											D 0	0
CTE PROGRAM IN DEPT OF CTE	A	12	13	13	37	0	1	40	53	FACULTY	0	0	GRAD	0	A 187	236
	B	2	2	2						OTHER	0	4	UNDGR	1509	B 9	19
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
CTE PROGRAM IN DEPT OF DPR	A	1	1	1	1	0	0	1	1	FACULTY	0	0	GRAD	0	A 0	5
	B	0	0	0						OTHER	0	0	UNDGR	24	B 0	0
	M	0	0	0	NO. JOINT APPTS				1						M 0	0
	D	0	0	0											D 0	0

GROUP ( ) SUMMARY BY DEGREE PROGRAMS) CONTINUED (AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT		DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CTE PROGRAM IN DEPT OF EDU	A	0	0	0	2	0	0	0	2	FACULTY	0	2	GRAD 7	A	0	0
	B	0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M	0	0	0	NO. JOINT APPTS				0					M	0	0
	D	1	1	1										D	0	0
CTE PROGRAM IN DEPT OF EEN	A	1	1	1	21	3	9	1	28	FACULTY	7	8	GRAD 46	A	16	19
	B	3	3	3						OTHER	0	0	UNDGR 185	B	11	17
	M	3	4	3	NO. JOINT APPTS				5					M	4	9
	D	1	1	1										D	2	2
CTE PROGRAM IN DEPT OF EET	A	0	0	0	5	0	0	0	5	FACULTY	0	0	GRAD 0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR 400	B	38	50
	M	0	0	0	NO. JOINT APPTS				0					M	0	0
	D	0	0	0										D	0	0
CTE PROGRAM IN DEPT OF MAT	A	1	1	1	3	0	0	0	2	FACULTY	0	0	GRAD 0	A	0	5
	B	0	0	0						OTHER	0	0	UNDGR 50	B	0	0
	M	0	0	0	NO. JOINT APPTS				2					M	0	0
	D	0	0	0										D	0	0
CTE PROGRAM IN DEPT OF NEC	A	1	1	1	5	0	7	8	8	FACULTY	0	0	GRAD 0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR 75	B	0	0
	M	0	0	0	NO. JOINT APPTS				1					M	0	0
	D	0	0	0										D	0	0
OPR PROGRAM IN DEPT OF BAD	A	34	36	38	98	2	53	71	150	FACULTY	1	2	GRAD 71	A	461	505
	B	11	12	13						OTHER	0	0	UNDGR 4345	B	135	131
	M	2	1	1	NO. JOINT APPTS				14					M	0	0
	D	0	0	0										D	0	0
OPR PROGRAM IN DEPT OF BUS	A	17	20	20	41	0	13	55	65	FACULTY	0	4	GRAD 30	A	197	310
	B	2	2	2						OTHER	0	8	UNDGR 2270	B	42	65
	M	2	2	2	NO. JOINT APPTS				13					M	6	10
	D	0	1	1										D	0	1
OPR PROGRAM IN DEPT OF COM	A	3	3	3	9	0	2	5	12	FACULTY	0	0	GRAD 0	A	56	62
	B	0	0	0						OTHER	0	0	UNDGR 188	B	0	0
	M	0	0	0	NO. JOINT APPTS				0					M	0	0
	D	0	0	0										D	0	0
OPR PROGRAM IN DEPT OF CPR	A	1	1	1	8	0	0	5	10	FACULTY	0	0	GRAD 0	A	51	20
	B	0	0	0						OTHER	0	0	UNDGR 637	B	0	0
	M	0	0	0	NO. JOINT APPTS				0					M	0	0
	D	0	0	0										D	0	0
OPR PROGRAM IN DEPT OF CSC	A	3	3	3	12	0	16	23	15	FACULTY	0	0	GRAD 0	A	38	30
	B	1	1	1						OTHER	0	0	UNDGR 599	B	3	7
	M	0	0	0	NO. JOINT APPTS				5					M	0	0
	D	0	0	0										D	0	0
OPR PROGRAM IN DEPT OF CTE	A	3	3	3	24	9	8	4	30	FACULTY	0	1	GRAD 0	A	73	115
	B	0	0	0						OTHER	0	0	UNDGR 1021	B	0	0
	M	0	0	0	NO. JOINT APPTS				0					M	0	0
	D	0	0	0										D	0	0
OPR PROGRAM IN DEPT OF OPR	A	136	143	143	423	9	140	337	556	FACULTY	1	10	GRAD 52	A	2381	2869
	B	5	6	6						OTHER	1	2	UNDGR 10217	B	99	181
	M	1	1	1	NO. JOINT APPTS				58					M	2	7
	D	0	0	0										D	0	0
OPR PROGRAM IN DEPT OF ICS	A	1	1	1	2	0	0	3	3	FACULTY	0	0	GRAD 0	A	4	10
	B	0	1	1						OTHER	0	0	UNDGR 20	B	0	2
	M	0	0	0	NO. JOINT APPTS				0					M	0	0
	D	0	0	0										D	0	0
OPR PROGRAM IN DEPT OF ISY	A	0	1	1	2	0	1	5	3	FACULTY	0	0	GRAD 0	A	0	1
	B	0	1	1						OTHER	0	1	UNDGR 0	B	0	1
	M	0	0	0	NO. JOINT APPTS				0					M	0	0
	D	0	0	0										D	0	0
OPR PROGRAM IN DEPT OF NEC	A	6	6	6	7	0	2	11	10	FACULTY	0	1	GRAD 5	A	24	49
	B	1	1	1						OTHER	0	0	UNDGR 615	B	6	8
	M	1	1	1	NO. JOINT APPTS				10					M	1	2
	D	0	0	0										D	0	0
OPR PROGRAM IN DEPT OF PSC	A	0	0	0	0	2	0	3	3	FACULTY	1	2	GRAD 1	A	0	0
	B	1	1	1						OTHER	0	1	UNDGR 0	B	1	0
	M	0	0	0	NO. JOINT APPTS				0					M	0	0
	D	1	1	0										D	0	1
ICS PROGRAM IN DEPT OF ICS	A	0	0	0	28	35	47	2	51	FACULTY	5	19	GRAD 585	A	0	0
	B	1	2	2						OTHER	0	4	UNDGR 0	B	0	10
	M	2	3	3	NO. JOINT APPTS				8					M	2	3
	D	1	2	2										D	13	14
IPR PROGRAM IN DEPT OF IPR	A	0	0	0	2	0	0	0	2	FACULTY	0	0	GRAD 0	A	0	0
	B	0	0	1						OTHER	0	0	UNDGR 0	B	0	0
	M	0	0	0	NO. JOINT APPTS				0					M	0	0
	D	0	0	0										D	0	0

GROUP ( ) ( ) SUMMARY BY DEGREE PROGRAMS) CONTINUED (AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70 70-71 71-72	FULL TIME	PART TIME R&S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE	FACULTY	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	DEGREES AWARDED 70-71
ISC PROGRAM IN DEPT OF BAD	A 0 0 0	8	2	5	0	11	FACULTY	0	8	GRAD	23	A 0	0
	B 0 0 0						OTHER	0	0	UNDGR	0	B 0	0
	M 1 2 2	NO. JOINT APPTS				6						M 5	9
	D 1 1 1											D 3	5
ISC PROGRAM IN DEPT OF ENG	A 0 0 0	15	2	4	2	18	FACULTY	2	11	GRAD	45	A 0	0
	B 0 1 1						OTHER	0	0	UNDGR	200	B 0	20
	M 1 2 2	NO. JOINT APPTS				2						M 3	3
	D 1 1 1											D 2	1
ISC PROGRAM IN DEPT OF ICS	A 0 0 0	7	6	0	4	12	FACULTY	4	4	GRAD	35	A 0	0
	B 0 1 1						OTHER	0	0	UNDGR	0	B 0	0
	M 2 2 2	NO. JOINT APPTS				6						M 8	16
	D 1 1 1											D 0	0
ISC PROGRAM IN DEPT OF ISC	A 0 0 0	22	23	93	19	55	FACULTY	3	21	GRAD	133	A 0	0
	B 1 1 1						OTHER	0	0	UNDGR	136	B 1	8
	M 3 3 3	NO. JOINT APPTS				7						M 16	38
	D 2 2 2											D 4	5
ISC PROGRAM IN DEPT OF MAT	A 0 0 0	3	0	0	0	3	FACULTY	0	3	GRAD	0	A 0	0
	B 0 1 0						OTHER	0	0	UNDGR	15	B 0	0
	M 0 0 0	NO. JOINT APPTS				0						M 0	0
	D 0 0 0											D 0	0
ISC PROGRAM IN DEPT OF NEC	A 0 0 0	21	2	7	101	113	FACULTY	0	8	GRAD	4	A 0	0
	B 2 2 2						OTHER	1	23	UNDGR	195	B 27	50
	M 0 1 1	NO. JOINT APPTS				1						M 0	0
	D 1 1 1											D 2	2
ISY PROGRAM IN DEPT OF BAD	A 1 2 3	34	9	29	10	53	FACULTY	4	11	GRAD	87	A 31	35
	B 3 4 5						OTHER	0	2	UNDGR	374	B 54	54
	M 2 2 2	NO. JOINT APPTS				1						M 2	12
	D 2 2 2											D 1	6
ISY PROGRAM IN DEPT OF BUS	A 0 0 0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A 0	0
	B 0 0 0						OTHER	0	0	UNDGR	0	B 0	0
	M 0 1 1	NO. JOINT APPTS				0						M 0	0
	D 0 0 0											D 0	0
ISY PROGRAM IN DEPT OF CSC	A 1 1 1	2	0	0	5	4	FACULTY	0	0	GRAD	0	A 0	4
	B 0 0 0						OTHER	0	0	UNDGR	75	B 0	0
	M 0 0 0	NO. JOINT APPTS				5						M 0	0
	D 0 0 0											D 0	0
ISY PROGRAM IN DEPT OF EDU	A 0 0 0	1	0	0	0	1	FACULTY	1	3	GRAD	50	A 0	0
	B 1 1 1						OTHER	0	8	UNDGR	130	B 12	25
	M 0 0 0	NO. JOINT APPTS				0						M 3	3
	D 0 0 0											D 0	0
ISY PROGRAM IN DEPT OF EEN	A 0 0 0	3	0	2	0	4	FACULTY	0	2	GRAD	7	A 0	0
	P 1 1 1						OTHER	0	0	UNDGR	90	B 21	20
	A 1 1 1	NO. JOINT APPTS				0						M 3	6
	D 0 1 1											D 0	0
ISY PROGRAM IN DEPT OF ICS	A 0 0 0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A 0	0
	B 0 0 0						OTHER	0	0	UNDGR	0	B 0	0
	M 1 1 1	NO. JOINT APPTS				0						M 0	0
	D 1 1 1											D 0	0
ISY PROGRAM IN DEPT OF ISY	A 2 2 2	28	1	0	23	35	FACULTY	0	4	GRAD	23	A 35	55
	B 0 0 0						OTHER	0	0	UNDGR	436	B 0	0
	M 1 1 1	NO. JOINT APPTS				2						M 0	2
	D 0 0 0											D 0	0
ISY PROGRAM IN DEPT OF NEC	A 1 1 1	5	1	7	7	11	FACULTY	0	16	GRAD	74	A 0	0
	B 1 2 2						OTHER	0	0	UNDGR	40	B 4	10
	M 0 0 0	NO. JOINT APPTS				0						M 16	20
	D 0 0 0											D 0	0
ISY PROGRAM IN DEPT OF SYS	A 0 0 0	2	0	0	0	2	FACULTY	1	0	GRAD	0	A 0	0
	B 1 1 1						OTHER	0	0	UNDGR	53	B 0	24
	M 0 0 0	NO. JOINT APPTS				1						M 0	0
	D 0 0 0											D 0	0
NEC PROGRAM IN DEPT OF BUS	A 0 0 0	3	0	0	8	7	FACULTY	0	2	GRAD	0	A 0	0
	B 1 1 1						OTHER	0	0	UNDGR	26	B 2	2
	M 0 0 0	NO. JOINT APPTS				0						M 0	0
	D 0 0 0											D 0	0
NEC PROGRAM IN DEPT OF MSC	A 0 0 0	2	0	0	0	0	FACULTY	1	0	GRAD	0	A 0	0
	B 1 0 0						OTHER	0	0	UNDGR	50	B 4	5
	M 0 0 0	NO. JOINT APPTS				0						M 0	0
	D 0 0 0											D 0	0
SAN PROGRAM IN DEPT OF BAD	A 0 0 0	27	0	0	5	29	FACULTY	0	10	GRAD	59	A 0	0
	B 1 1 1						OTHER	0	0	UNDGR	15	B 0	5
	M 1 1 1	NO. JOINT APPTS				0						M 1	7
	D 0 0 0											D 0	0

SUMMARY BY DEGREE PROGRAMS — PAGE IX-07

GROUP ( )) CONTINUED

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE YEAR 69-70	LEVEL AND OFFERED 70-71	71-72		FULL TIME	PART TIME NA-S	PART TIME YA-S	PART TIME OTHR	STAFF TOT FTE	FACULTY / OTHER	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED GRAD 1969 - 1970	MAJORS ENROLLED UNDGR 1969 - 1970		DEGREES AWARDED 69-70	DEGREES AWARDED 70-71
SAN PROGRAM	A 0	0	0		8	1	3	0	9	FACULTY	0	7	GRAD	33	A	0	0
IN DEPT OF IEN	B 1	1	1							OTHER	0	0	UNDGR	101	B	13	22
	M 1	1	1	NO. JOINT APPTS					0						M	2	7
	D 0	0	0												D	0	0
SAN PROGRAM	A 1	1	1		3	13	0	28	23	FACULTY	2	21	GRAD	40	A	0	0
IN DEPT OF NEC	B 1	1	1							OTHER	0	0	UNDGR	4	B	0	4
	M 1	1	1	NO. JOINT APPTS					24						M	3	13
	D 0	1	1												D	0	0
SEN PROGRAM	A 0	0	0		6	0	5	12	2	FACULTY	0	5	GRAD	82	A	0	0
IN DEPT OF EEN	B 2	2	3							OTHER	0	0	UNDGR	119	B	30	30
	M 3	3	3	NO. JOINT APPTS					0						M	17	11
	D 3	3	3												D	4	5
SEN PROGRAM	A 0	0	0		12	13	2	15	21	FACULTY	0	32	GRAD	112	A	0	0
IN DEPT OF ENG	B 1	1	1							OTHER	0	2	UNDGR	200	B	35	35
	M 5	5	5	NO. JOINT APPTS					15						M	36	37
	D 3	4	3												D	6	5
SEN PROGRAM	A 0	0	0		9	3	3	4	14	FACULTY	0	6	GRAD	102	A	0	0
IN DEPT OF IEN	B 1	1	1							OTHER	0	0	UNDGR	119	B	19	30
	M 1	1	1	NO. JOINT APPTS					0						M	14	25
	D 1	1	1												D	0	4
SEN PROGRAM	A 0	0	0		24	0	3	6	27	FACULTY	8	12	GRAD	106	A	0	0
IN DEPT OF SEN	B 3	3	3							OTHER	0	2	UNDGR	455	B	59	54
	M 3	3	3	NO. JOINT APPTS					1						M	20	25
	D 0	0	0												D	0	0
SIS PROGRAM	A 0	0	0		7	10	12	0	18	FACULTY	2	4	GRAD	199	A	0	0
IN DEPT OF SIS	B 0	0	0							OTHER	0	0	UNDGR	0	B	0	0
	M 1	1	1	NO. JOINT APPTS					0						M	18	27
	D 1	1	1												D	4	6
SYS PROGRAM	A 0	0	0		6	0	0	2	7	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF SYS	B 1	1	1							OTHER	0	0	UNDGR	75	B	25	40
	M 0	0	0	NO. JOINT APPTS					1						M	0	0
	D 0	1	1												D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP ( ) ( ) ( ) SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT		DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME	STATUS OTHR	STAFF TOT FTE			FACULTY COMPOSITE	OTHR		MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM	A	0	0	0	6	0	1	0	7	FACULTY	7	0	GRAD	9	A	0	0
IN DEPT OF	B	1	1	2						OTHER	0	0	UNDGR	65	B	8	11
	M	1	1	1	NO. JOINT APPTS				1						M	2	3
	D	1	1	1											D	1	0
CPR PROGRAM	A	38	40	41	135	1	45	91	181	FACULTY	15	0	GRAD	63	A	688	819
IN DEPT OF	B	6	7	7						OTHER	0	1	UNDGR	4786	B	12	32
	M	0	0	0	NO. JOINT APPTS				32						M	0	0
	D	1	1	1											D	0	0
CSC PROGRAM	A	33	37	42	1005	578	682	877	1761	FACULTY	282	367	GRAD	6725	A	259	435
IN DEPT OF	B	90	113	133						OTHER	39	44	UNDGR	10409	B	974	1537
	M	76	86	100	NO. JOINT APPTS				410						M	892	1249
	D	50	54	56											D	187	198
CTE PROGRAM	A	21	22	22	102	3	18	57	139	FACULTY	7	14	GRAD	53	A	218	295
IN DEPT OF	B	9	9	9						OTHER	0	5	UNDGR	2791	B	60	88
	M	3	4	3	NO. JOINT APPTS				11						M	4	9
	D	2	2	2											D	2	2
DHR PROGRAM	A	204	217	215	626	22	235	522	857	FACULTY	3	20	GRAD	159	A	3285	3971
IN DEPT OF	B	21	25	26						OTHER	1	14	UNDGR	27712	B	286	395
	M	6	5	5	NO. JOINT APPTS				100						M	9	19
	D	1	2	1											D	0	2
ICS PROGRAM	A	0	0	0	28	35	47	2	51	FACULTY	5	19	GRAD	585	A	0	0
IN DEPT OF	B	1	2	2						OTHER	0	4	UNDGR	0	B	0	10
	M	2	3	3	NO. JOINT APPTS				8						M	2	3
	D	1	2	2											D	13	14
IPR PROGRAM	A	0	0	0	2	0	0	0	2	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF	B	0	0	1						OTHER	0	0	UNDGR	0	B	0	0
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
ISC PROGRAM	A	0	0	0	76	35	35	146	212	FACULTY	9	53	GRAD	240	A	0	0
IN DEPT OF	B	3	6	5						OTHER	1	23	UNDGR	546	B	28	78
	M	7	10	10	NO. JOINT APPTS				20						M	34	66
	D	8	8	8											D	11	13
ISY PROGRAM	A	5	6	7	75	11	38	45	110	FACULTY	6	38	GRAD	241	A	66	94
IN DEPT OF	B	7	9	10						OTHER	0	10	UNDGR	1198	B	91	133
	M	5	6	6	NO. JOINT APPTS				9						M	24	43
	D	3	4	4											D	1	8
NLC PROGRAM	A	0	0	0	5	0	0	8	7	FACULTY	1	4	GRAD	0	A	0	0
IN DEPT OF	B	2	1	1						OTHER	0	0	UNDGR	76	B	6	7
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
SAN PROGRAM	A	1	1	1	38	14	3	33	61	FACULTY	2	38	GRAD	132	A	0	0
IN DEPT OF	B	3	3	3						OTHER	0	0	UNDGR	120	B	13	31
	M	3	3	3	NO. JOINT APPTS				24						M	6	27
	D	0	1	1											D	0	0
SEN PROGRAM	A	0	0	0	51	16	13	37	64	FACULTY	8	53	GRAD	402	A	0	0
IN DEPT OF	B	7	7	8						OTHER	0	4	UNDGR	893	B	143	149
	M	12	12	12	NO. JOINT APPTS				16						M	85	98
	D	7	8	7											D	10	14
SIS PROGRAM	A	0	0	0	7	10	12	0	18	FACULTY	2	9	GRAD	199	A	0	0
IN DEPT OF	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS				0						M	18	27
	D	1	1	1											D	4	6
SYS PROGRAM	A	0	0	0	6	0	0	2	7	FACULTY	0	6	GRAD	0	A	0	0
IN DEPT OF	B	1	1	1						OTHER	0	0	UNDGR	75	B	25	48
	M	0	0	0	NO. JOINT APPTS				1						M	0	0
	D	0	1	1											D	0	0

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GROUP (PUBLIC)

SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME HA-S	PART TIME YA-S	PART TIME OTHR	S T A F F TOT FTE	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM	A 0	0	0		6	4	1	0	9	FACULTY 7	0	GRAD 9	A	0	0
IN DEPT OF EEN	B 1	1	1							OTHER 0	0	UNDGR 85	B	8	11
	M 1	1	1		NO. JOINT APPTS				1				M	2	3
	D 1	1	1										D	1	0
CPR PROGRAM	A 1	3	3		17	0	2	9	18	FACULTY 2	0	GRAD 0	A	15	17
IN DEPT OF BAD	B 1	2	2							OTHER 0	1	UNDGR 399	B	0	7
	M 0	0	0		NO. JOINT APPTS				4				M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 1	1	1		2	0	0	0	2	FACULTY 0	0	GRAD 0	A	30	30
IN DEPT OF BUS	B 0	0	0							OTHER 0	0	UNDGR 60	B	0	0
	M 0	0	0		NO. JOINT APPTS				1				M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 5	5	5		24	0	13	0	25	FACULTY 0	0	GRAD 32	A	107	122
IN DEPT OF CPR	B 0	0	0							OTHER 0	0	UNDGR 600	B	0	0
	M 0	0	0		NO. JOINT APPTS				1				M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 3	3	3		5	0	0	11	8	FACULTY 3	0	GRAD 0	A	80	71
IN DEPT OF CSC	B 0	0	0							OTHER 0	0	UNDGR 265	B	0	0
	M 0	0	0		NO. JOINT APPTS				0				M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 1	1	2		4	0	5	12	10	FACULTY 0	0	GRAD 0	A	8	14
IN DEPT OF CTE	B 0	0	0							OTHER 0	0	UNDGR 182	B	0	0
	M 0	0	0		NO. JOINT APPTS				1				M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 20	22	22		62	1	72	50	96	FACULTY 1	0	GRAD 12	A	319	415
IN DEPT OF DPR	B 0	0	0							OTHER 0	0	UNDGR 2791	B	0	0
	M 0	0	0		NO. JOINT APPTS				15				M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 2	1	1		3	0	0	0	1	FACULTY 0	0	GRAD 0	A	44	5
IN DEPT OF ENG	B 0	0	0							OTHER 0	0	UNDGR 53	B	0	0
	M 0	0	0		NO. JOINT APPTS				0				M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 0	0	0		2	0	0	7	4	FACULTY 9	0	GRAD 19	A	0	0
IN DEPT OF ICS	B 0	0	0							OTHER 0	0	UNDGR 0	B	0	0
	M 0	0	0		NO. JOINT APPTS				7				M	0	0
	D 1	1	1										D	0	0
CPR PROGRAM	A 1	1	1		5	0	0	1	4	FACULTY 0	0	GRAD 0	A	0	0
IN DEPT OF MAT	B 1	1	1							OTHER 0	0	UNDGR 55	B	5	10
	M 0	0	0		NO. JOINT APPTS				0				M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 0	0	0		1	0	0	0	1	FACULTY 0	0	GRAD 0	A	0	0
IN DEPT OF MSC	B 1	1	1							OTHER 0	0	UNDGR 0	B	0	0
	M 0	0	0		NO. JOINT APPTS				0				M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 1	1	1		2	0	0	0	9	FACULTY 0	0	GRAD 0	A	0	2
IN DEPT OF BAD	B 0	0	0							OTHER 0	0	UNDGR 412	B	0	0
	M 0	0	0		NO. JOINT APPTS				0				M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 0	1	1		3	0	0	0	3	FACULTY 0	0	GRAD 0	A	0	30
IN DEPT OF BUS	B 0	0	0							OTHER 0	0	UNDGR 40	B	0	0
	M 0	0	0		NO. JOINT APPTS				0				M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 0	0	0		0	0	0	0	0	FACULTY 0	0	GRAD 70	A	0	0
IN DEPT OF CCS	B 1	1	1							OTHER 0	0	UNDGR 60	B	20	30
	M 1	1	1		NO. JOINT APPTS				0				M	6	5
	D 1	1	1										D	4	3
CSC PROGRAM	A 1	1	1		23	29	33	9	53	FACULTY 7	14	GRAD 133	A	0	0
IN DEPT OF CIS	B 1	2	2							OTHER 0	1	UNDGR 353	B	71	84
	M 2	2	2		NO. JOINT APPTS				10				M	38	50
	D 1	1	1										D	0	0
CSC PROGRAM	A 2	2	2		46	0	0	73	29	FACULTY 3	4	GRAD 43	A	20	26
IN DEPT OF CON	B 0	0	0							OTHER 0	0	UNDGR 123	B	0	0
	M 1	3	4		NO. JOINT APPTS				3				M	2	18
	D 0	0	0										D	0	0
CSC PROGRAM	A 16	18	21		379	247	361	272	757	FACULTY 115	237	GRAD 2201	A	108	182
IN DEPT OF CSC	B 32	41	48							OTHER 4	13	UNDGR 4756	B	488	744
	M 29	31	37		NO. JOINT APPTS				229				M	298	412
	D 17	18	20										D	44	68
CSC PROGRAM	A 1	1	1		2	0	0	2	2	FACULTY 0	0	GRAD 0	A	3	9
IN DEPT OF CTE	B 0	0	0							OTHER 0	0	UNDGR 56	B	0	0
	M 0	0	0		NO. JOINT APPTS				0				M	0	0
	D 0	0	0										D	0	0

GROUP (PUBLIC) (CONTINUED) SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70 70-71 71-72	FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE	FACULTY AND OTHER	DOCTORATES CONF-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970	DEGREES AWARDED 69-70	DEGREES AWARDED 70-71
CSC PROGRAM IN DEPT OF OPR	A 2 2 2	7	0	7	16	15	FACULTY	0	0	GRAD 0	A 37	56
	B 0 0 0						OTHER	0	0	UNDGR 334	B 0	0
	M 0 0 0	NO. JOINT APPTS				6					M 0	0
	D 0 0 0										D 0	0
CSC PROGRAM IN DEPT OF ECS	A 0 0 0	27	42	9	17	96	FACULTY	6	21	GRAD 126	A 0	0
	B 1 1 1						OTHER	0	0	UNDGR 200	B 51	51
	M 1 1 1	NO. JOINT APPTS				3					M 32	32
	D 1 1 1										D 13	13
CSC PROGRAM IN DEPT OF FFN	A 0 0 0	49	31	21	8	63	FACULTY	14	29	GRAD 296	A 0	0
	B 4 6 6						OTHER	2	3	UNDGR 90	B 16	32
	M 6 7 7	NO. JOINT APPTS				2					M 70	87
	D 4 5 5										D 8	14
CSC PROGRAM IN DEPT OF ENG	A 0 0 0	7	7	1	2	8	FACULTY	0	10	GRAD 22	A 0	0
	B 1 1 1						OTHER	0	0	UNDGR 36	B 12	18
	M 1 1 1	NO. JOINT APPTS				2					M 0	5
	D 1 1 1										D 3	3
CSC PROGRAM IN DEPT OF ICS	A 0 0 0	19	13	9	28	38	FACULTY	12	13	GRAD 136	A 0	0
	B 2 2 2						OTHER	1	0	UNDGR 75	B 12	30
	M 1 1 2	NO. JOINT APPTS				16					M 40	44
	D 2 2 3										D 0	3
CSC PROGRAM IN DEPT OF IEN	A 0 0 0	21	3	16	8	34	FACULTY	3	10	GRAD 131	A 0	0
	B 2 2 2						OTHER	0	0	UNDGR 75	B 20	20
	M 3 3 3	NO. JOINT APPTS				5					M 69	77
	D 1 2 2										D 2	4
CSC PROGRAM IN DEPT OF ISY	A 0 0 0	0	0	0	0	0	FACULTY	0	0	GRAD 0	A 0	0
	B 0 1 1						OTHER	0	0	UNDGR 0	B 0	38
	M 0 1 1	NO. JOINT APPTS				0					M 0	5
	D 0 0 0										D 0	0
CSC PROGRAM IN DEPT OF LSC	A 0 0 0	5	0	5	0	8	FACULTY	0	3	GRAD 2	A 0	0
	B 1 1 1						OTHER	0	0	UNDGR 16	B 4	12
	M 0 1 1	NO. JOINT APPTS				0					M 0	1
	D 0 0 0										D 0	0
CSC PROGRAM IN DEPT OF MAT	A 0 0 0	111	6	29	54	153	FACULTY	11	46	GRAD 27	A 0	0
	B 13 17 19						OTHER	1	4	UNDGR 1385	B 59	111
	M 7 7 8	NO. JOINT APPTS				15					M 26	26
	D 2 2 2										D 1	4
CSC PROGRAM IN DEPT OF MSC	A 1 1 1	8	0	0	6	12	FACULTY	0	3	GRAD 0	A 1	3
	B 3 3 3						OTHER	0	0	UNDGR 413	B 16	37
	M 0 1 1	NO. JOINT APPTS				2					M 0	0
	D 0 0 0										D 0	0
CSC PROGRAM IN DEPT OF NEC	A 2 2 2	18	1	8	5	25	FACULTY	3	2	GRAD 28	A 34	60
	B 1 2 2						OTHER	0	0	UNDGR 425	B 10	11
	M 1 2 2	NO. JOINT APPTS				1					M 7	11
	D 0 0 1										D 0	0
CSC PROGRAM IN DEPT OF SCS	A 1 1 1	21	0	12	0	29	FACULTY	6	11	GRAD 55	A 0	0
	B 3 3 3						OTHER	0	1	UNDGR 206	B 15	35
	M 2 2 2	NO. JOINT APPTS				11					M 7	18
	D 1 1 1										D 3	2
CTE PROGRAM IN DEPT OF BUS	A 1 1 1	1	0	0	0	1	FACULTY	0	0	GRAD 0	A 0	0
	B 0 0 0						OTHER	0	0	UNDGR 6	B 0	0
	M 0 0 0	NO. JOINT APPTS				0					M 0	0
	D 0 0 0										D 0	0
CTE PROGRAM IN DEPT OF CSC	A 3 3 3	5	0	1	7	7	FACULTY	0	3	GRAD 0	A 15	30
	B 1 1 1						OTHER	0	0	UNDGR 192	B 2	2
	M 0 0 0	NO. JOINT APPTS				2					M 0	0
	D 0 0 0										D 0	0
CTE PROGRAM IN DEPT OF CTE	A 10 10 10	35	0	0	31	46	FACULTY	0	0	GRAD 0	A 180	332
	B 1 1 1						OTHER	0	4	UNDGR 1476	B 5	15
	M 0 0 0	NO. JOINT APPTS				0					M 0	0
	D 0 0 0										D 0	0
CTE PROGRAM IN DEPT OF OPR	A 1 1 1	1	0	0	1	1	FACULTY	0	0	GRAD 0	A 0	5
	B 0 0 0						OTHER	0	0	UNDGR 24	B 0	0
	M 0 0 0	NO. JOINT APPTS				1					M 0	0
	D 0 0 0										D 0	0
CTE PROGRAM IN DEPT OF EDU	A 0 0 0	2	0	0	0	2	FACULTY	0	2	GRAD 7	A 0	0
	B 0 0 0						OTHER	0	0	UNDGR 0	B 0	0
	M 0 0 0	NO. JOINT APPTS				0					M 0	0
	D 1 1 1										D 0	0
CTE PROGRAM IN DEPT OF FFN	A 0 0 0	13	2	8	1	19	FACULTY	7	3	GRAD 28	A 0	0
	B 1 1 1						OTHER	0	0	UNDGR 60	B 3	10
	M 1 2 1	NO. JOINT APPTS				1					M 0	4
	D 0 0 0										D 0	0

GROUP (PUBLIC) ( ) SUMMARY BY DEGREE PROGRAMS (CONTINUED (AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CTE PROGRAM IN DEPT OF EET	A 0	0	0	5	0	0	0	5	FACULTY	0	0	GRAD	0	A 0	0
	B 1	1	1	NO. JOINT APPTS				0	OTHER	0	0	UNDGR	400	B 38	50
	M 0	0	0											M 0	0
	D 0	0	0											D 0	0
CTE PROGRAM IN DEPT OF MAT	A 1	1	1	3	0	0	0	2	FACULTY	0	0	GRAD	0	A 0	5
	B 0	0	0						OTHER	0	0	UNDGR	50	B 0	0
	M 0	0	0	NO. JOINT APPTS				2						M 0	0
	D 0	0	0											D 0	0
CTE PROGRAM IN DEPT OF NEC	A 1	1	1	5	0	7	8	8	FACULTY	0	0	GRAD	0	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	75	B 0	0
	M 0	0	0	NO. JOINT APPTS				1						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF BAD	A 31	33	35	88	0	90	59	127	FACULTY	1	2	GRAD	46	A 407	497
	B 7	8	9						OTHER	0	0	UNDGR	4085	B 76	62
	M 1	0	0	NO. JOINT APPTS				11						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF BUS	A 17	20	20	41	0	13	55	85	FACULTY	0	4	GRAD	30	A 197	310
	B 2	2	2						OTHER	0	8	UNDGR	2270	B 42	65
	M 2	2	2	NO. JOINT APPTS				13						M 6	10
	D 0	1	1											D 0	1
DPR PROGRAM IN DEPT OF COM	A 2	2	2	7	0	2	5	10	FACULTY	0	0	GRAD	0	A 51	56
	B 0	0	0						OTHER	0	0	UNDGR	165	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF CPR	A 1	1	1	8	0	0	5	10	FACULTY	0	0	GRAD	0	A 51	20
	B 0	0	0						OTHER	0	0	UNDGR	637	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF CSC	A 3	3	3	12	0	0	9	15	FACULTY	0	0	GRAD	0	A 38	30
	B 0	0	0						OTHER	0	0	UNDGR	563	B 0	0
	M 0	0	0	NO. JOINT APPTS				5						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF CTE	A 3	3	3	24	9	8	4	30	FACULTY	0	1	GRAD	0	A 73	115
	B 0	0	0						OTHER	0	0	UNDGR	1021	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF DPR	A 133	140	140	412	9	139	332	543	FACULTY	1	10	GRAD	52	A 2371	2765
	B 4	4	4						OTHER	1	2	UNDGR	17707	B 89	110
	M 1	1	1	NO. JOINT APPTS				57						M 2	7
	D 0	0	1											D 0	0
DPR PROGRAM IN DEPT OF ISY	A 0	1	1	2	0	1	5	3	FACULTY	0	0	GRAD	0	A 0	1
	B 0	1	1						OTHER	0	1	UNDGR	0	B 0	1
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF NEC	A 6	6	6	7	0	2	11	10	FACULTY	0	1	GRAD	5	A 24	49
	B 1	1	1						OTHER	0	0	UNDGR	415	B 6	8
	M 1	1	1	NO. JOINT APPTS				10						M 1	2
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF PSC	A 0	0	0	0	2	0	3	3	FACULTY	1	2	GRAD	1	A 0	0
	B 1	1	1						OTHER	0	1	UNDGR	0	B 1	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 1	1	0											D 0	1
ICS PROGRAM IN DEPT OF ICS	A 0	0	0	13	0	17	2	19	FACULTY	5	8	GRAD	30	A 0	0
	B 0	1	1						OTHER	0	0	UNDGR	0	B 0	10
	M 0	1	1	NO. JOINT APPTS				3						M 2	3
	D 0	1	1											D 1	2
IPR PROGRAM IN DEPT OF IPR	A 0	0	0	2	0	0	0	2	FACULTY	0	0	GRAD	0	A 0	0
	B 0	0	1						OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
ISC PROGRAM IN DEPT OF BAD	A 0	0	0	2	2	1	0	3	FACULTY	0	2	GRAD	3	A 0	0
	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 0	1	1	NO. JOINT APPTS				0						M 0	4
	D 1	1	1											D 3	5
ISC PROGRAM IN DEPT OF ENG	A 0	0	0	9	0	0	0	9	FACULTY	2	5	GRAD	25	A 0	0
	B 0	1	1						OTHER	0	0	UNDGR	200	B 0	20
	M 0	1	1	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
ISC PROGRAM IN DEPT OF ICS	A 0	0	0	7	6	0	4	12	FACULTY	4	4	GRAD	35	A 0	0
	B 0	1	1						OTHER	0	0	UNDGR	0	B 0	0
	M 2	2	2	NO. JOINT APPTS				6						M 8	16
	D 1	1	1											D 0	0

GROUP (PUBLIC) ( ) CONTINUED

SUMMARY BY DEGREE PROGRAMS
(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE	*** DOCTORATES *** COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
ISC PROGRAM	A 0	0	0	3	0	0	0	3 FACULTY	0	3	GRAD 0	A	0	0
IN DEPT OF MAT	B 0	1	0					OTHER	0	0	UNDGR 15	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
ISC PROGRAM	A 0	0	0	7	2	6	0	11 FACULTY	0	3	GRAD 4	A	0	0
IN DEPT OF NEC	B 1	1	1					OTHER	0	4	UNDGR 150	B	20	30
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 1	1	1									D	2	2
ISY PROGRAM	A 1	1	2	29	6	29	10	48 FACULTY	3	9	GRAD 84	A	1	5
IN DEPT OF BAD	B 3	4	5					OTHER	0	2	UNDGR 324	B	54	54
	M 2	2	2	NO. JOINT APPTS				1				M	2	12
	D 1	1	1									D	1	6
ISY PROGRAM	A 0	0	0	0	0	0	0	0 FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF BUS	B 0	0	0					OTHER	0	0	UNDGR 0	B	0	0
	M 0	1	1	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
ISY PROGRAM	A 1	1	1	2	0	0	5	4 FACULTY	0	0	GRAD 0	A	0	4
IN DEPT OF CSC	B 0	0	0					OTHER	0	0	UNDGR 75	B	0	0
	M 0	0	0	NO. JOINT APPTS				5				M	0	0
	D 0	0	0									D	0	0
ISY PROGRAM	A 0	0	0	1	0	0	0	1 FACULTY	1	3	GRAD 50	A	0	0
IN DEPT OF EDU	B 1	1	1					OTHER	0	8	UNDGR 130	B	12	25
	M 0	0	0	NO. JOINT APPTS				0				M	3	3
	D 0	0	0									D	0	0
ISY PROGRAM	A 0	0	0	3	0	2	0	4 FACULTY	0	2	GRAD 7	A	0	0
IN DEPT OF EEN	B 1	1	1					OTHER	0	0	UNDGR 90	B	21	20
	M 1	1	1	NO. JOINT APPTS				0				M	3	6
	D 0	1	1									D	0	0
ISY PROGRAM	A 0	0	0	0	0	0	0	0 FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF ICS	B 0	0	0					OTHER	0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0				M	0	0
	D 1	1	1									D	0	0
ISY PROGRAM	A 2	2	2	28	1	0	23	35 FACULTY	0	4	GRAD 23	A	35	55
IN DEPT OF ISY	B 0	0	0					OTHER	0	0	UNDGR 636	B	0	0
	M 1	1	1	NO. JOINT APPTS				2				M	0	2
	D 0	0	0									D	0	0
ISY PROGRAM	A 0	0	0	1	0	7	5	6 FACULTY	0	4	GRAD 0	A	0	0
IN DEPT OF NEC	B 1	1	1					OTHER	0	0	UNDGR 40	B	4	10
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
ISY PROGRAM	A 0	0	0	2	0	0	0	2 FACULTY	1	0	GRAD 0	A	0	0
IN DEPT OF SYS	B 1	1	1					OTHER	0	0	UNDGR 53	B	0	24
	M 0	0	0	NO. JOINT APPTS				1				M	0	0
	D 0	0	0									D	0	0
NEC PROGRAM	A 0	0	0	3	0	0	8	7 FACULTY	0	2	GRAD 0	A	0	0
IN DEPT OF BUS	B 1	1	1					OTHER	0	0	UNDGR 28	B	2	2
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
SAN PROGRAM	A 0	0	0	27	0	0	5	29 FACULTY	0	10	GRAD 58	A	0	0
IN DEPT OF BAD	B 1	1	1					OTHER	0	0	UNDGR 15	B	0	5
	M 1	1	1	NO. JOINT APPTS				0				M	1	7
	D 0	0	0									D	0	0
SAN PROGRAM	A 0	0	0	3	13	0	24	22 FACULTY	2	20	GRAD 40	A	0	0
IN DEPT OF NEC	B 0	0	0					OTHER	0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				24				M	3	13
	D 0	1	1									D	0	0
SEN PROGRAM	A 0	0	0	6	0	5	12	2 FACULTY	0	5	GRAD 82	A	0	0
IN DEPT OF EEN	B 2	2	3					OTHER	0	0	UNDGR 119	B	30	30
	M 3	3	3	NO. JOINT APPTS				0				M	17	11
	D 3	3	3									D	4	5
SEN PROGRAM	A 0	0	0	12	13	2	15	21 FACULTY	0	32	GRAD 112	A	0	0
IN DEPT OF ENG	B 1	1	1					OTHER	0	2	UNDGR 200	B	35	35
	M 5	5	5	NO. JOINT APPTS				15				M	34	37
	D 3	4	3									D	6	5
SEN PROGRAM	A 0	0	0	9	3	3	4	14 FACULTY	0	6	GRAD 102	A	0	0
IN DEPT OF IEN	B 1	1	1					OTHER	0	0	UNDGR 119	B	19	30
	M 1	1	1	NO. JOINT APPTS				0				M	14	25
	D 1	1	1									D	0	4
SEN PROGRAM	A 0	0	0	18	0	0	5	21 FACULTY	7	7	GRAD 94	A	0	0
IN DEPT OF SEN	B 2	2	2					OTHER	0	2	UNDGR 440	B	51	47
	M 2	2	2	NO. JOINT APPTS				1				M	20	25
	D 0	0	0									D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC) ( ) CONTINUED SUMMARY BY DEGREE PROGRAMS PAGE IX-13
(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME HA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
SYS PROGRAM	A 0	0	0	6	0	0	2	7	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF SYS	B 1	1	1						OTHER	0	0	UNDGR	75	B 25	48
	M 0	0	0	NO. JOINT APPTS				1						M 0	0
	D 0	1	1											D 0	0

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GROUP (PUBLIC) ( ) SUMMARY BY DEGREE PROGRAMS
(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME HA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM	A 0	0	0	8	4	1	0	9	FACULTY	7	0	GRAD	9	A 0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR	85	B 8	11
	M 1	1	1	NO. JOINT APPTS				1						M 2	3
	D 1	1	1											D 1	0
CPR PROGRAM	A 34	37	36	125	1	42	90	169	FACULTY	19	0	GRAD	83	A 603	674
IN DEPT OF	B 3	4	4						OTHER	0	1	UNDGR	4405	B 5	17
	M 0	0	0	NO. JOINT APPTS				29						M 0	0
	D 1	1	1											D 0	0
CSC PROGRAM	A 27	30	33	748	379	511	504	1287	FACULTY	120	409	GRAD	3270	A 203	368
IN DEPT OF	B 65	83	92						OTHER	8	24	UNDGR	9055	B 774	1253
	M 55	64	73	NO. JOINT APPTS				305						M 595	891
	D 31	34	38											D 78	114
CIE PROGRAM	A 17	17	17	70	2	16	48	91	FACULTY	7	0	GRAD	35	A 195	272
IN DEPT OF	B 5	5	5						OTHER	0	4	UNDGR	2281	B 48	77
	M 1	2	1	NO. JOINT APPTS				7						M 0	4
	D 1	1	1											D 0	0
OPR PROGRAM	A 196	209	211	597	20	215	484	816	FACULTY	3	24	GRAD	138	A 3212	3841
IN DEPT OF	B 15	17	18						OTHER	1	14	UNDGR	26883	B 194	246
	M 5	6	6	NO. JOINT APPTS				96						M 9	19
	D 1	2	1											D 0	2
IGS PROGRAM	A 0	0	0	13	0	11	2	19	FACULTY	5	0	GRAD	30	A 0	0
IN DEPT OF	B 0	1	1						OTHER	0	0	UNDGR	0	B 0	10
	M 0	1	1	NO. JOINT APPTS				3						M 2	3
	D 0	1	1											D 1	2
IPR PROGRAM	A 0	0	0	2	0	0	0	2	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF	B 0	0	1						OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
ISC PROGRAM	A 0	0	0	28	10	7	4	38	FACULTY	6	17	GRAD	67	A 0	0
IN DEPT OF	B 1	4	3						OTHER	0	4	UNDGR	305	B 20	50
	M 2	4	4	NO. JOINT APPTS				6						M 8	20
	D 3	3	3											D 5	7
ISY PROGRAM	A 4	4	5	66	7	18	43	100	FACULTY	5	24	GRAD	164	A 36	64
IN DEPT OF	B 7	8	9						OTHER	0	14	UNDGR	1148	B 91	133
	M 5	6	6	NO. JOINT APPTS				9						M 8	23
	D 2	3	3											D 1	6
NEC PROGRAM	A 0	0	0	3	0	0	8	7	FACULTY	0	4	GRAD	0	A 0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR	26	B 2	2
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
SAN PROGRAM	A 0	0	0	30	13	0	29	51	FACULTY	2	34	GRAD	99	A 0	0
IN DEPT OF	B 1	1	5						OTHER	0	4	UNDGR	15	B 0	5
	M 2	4	2	NO. JOINT APPTS				24						M 4	20
	D 0	1	1											D 0	0
SEN PROGRAM	A 0	0	0	45	16	10	36	58	FACULTY	7	54	GRAD	390	A 0	0
IN DEPT OF	B 6	6	7						OTHER	0	4	UNDGR	878	B 135	142
	M 11	11	11	NO. JOINT APPTS				16						M 85	98
	D 7	6	7											D 10	14
SYS PROGRAM	A 0	0	0	6	0	0	2	7	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR	75	B 25	48
	M 0	0	0	NO. JOINT APPTS				1						M 0	0
	D 0	1	1											D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE)) (AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME STAFF RA-S	TA-S	OTHR	TOT FTE	FACULTY & DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY 0	0	GRAD 0	A	0	0
IN DEPT OF EEN	B 0	0	1						OTHER 0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 1	1	1	2	0	0	0	2	FACULTY 0	0	GRAD 0	A	40	60
IN DEPT OF CSC	B 0	0	0						OTHER 0	0	UNDGR 110	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 2	2	2	5	0	0	1	6	FACULTY 0	0	GRAD 0	A	45	85
IN DEPT OF OPR	B 1	1	1						OTHER 0	0	UNDGR 191	B	1	10
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 1	0	0	2	0	0	0	2	FACULTY 0	0	GRAD 0	A	0	0
IN DEPT OF ENG	B 0	0	0						OTHER 0	0	UNDGR 50	B	0	0
	M 0	0	0	NO. JOINT APPTS				2				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 0	0	0	1	0	3	0	2	FACULTY 0	0	GRAD 0	A	0	0
IN DEPT OF MAT	B 2	2	2						OTHER 0	0	UNDGR 30	B	6	5
	M 0	0	0	NO. JOINT APPTS				1				M	0	0
	D 0	0	0									D	0	0
CSC PROGRAM	A 0	0	0	10	2	73	5	22	FACULTY 11	2	GRAD 50	A	0	0
IN DEPT OF CIS	B 0	1	1						OTHER 14	2	UNDGR 90	B	11	25
	M 1	1	1	NO. JOINT APPTS				5				M	8	15
	D 1	1	1									D	8	11
CSC PROGRAM	A 0	0	0	30	55	15	11	63	FACULTY 3	26	GRAD 420	A	0	0
IN DEPT OF COM	B 1	1	2						OTHER 1	3	UNDGR 67	B	9	18
	M 3	3	4	NO. JOINT APPTS				21				M	93	115
	D 3	3	3									D	5	4
CSC PROGRAM	A 1	1	1	4	0	1	0	4	FACULTY 0	0	GRAD 0	A	12	19
IN DEPT OF CPR	B 0	0	0						OTHER 0	0	UNDGR 40	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CSC PROGRAM	A 4	5	6	109	83	71	76	211	FACULTY 37	58	GRAD 538	A	44	48
IN DEPT OF CSC	B 8	11	18						OTHER 13	14	UNDGR 861	B	101	129
	M 8	8	10	NO. JOINT APPTS				46				M	70	83
	D 7	7	8									D	69	32
CSC PROGRAM	A 0	0	0	7	0	0	6	10	FACULTY 0	5	GRAD 0	A	0	0
IN DEPT OF CTE	B 1	1	1						OTHER 0	0	UNDGR 200	B	10	15
	M 0	0	0	NO. JOINT APPTS				7				M	0	0
	D 0	0	0									D	0	0
CSC PROGRAM	A 0	0	0	60	52	36	20	104	FACULTY 37	13	GRAD 247	A	0	0
IN DEPT OF EEN	B 4	4	5						OTHER 3	2	UNDGR 250	B	23	25
	M 6	6	7	NO. JOINT APPTS				0				M	78	85
	D 5	5	5									D	24	31
CSC PROGRAM	A 0	0	0	3	3	2	8	4	FACULTY 0	8	GRAD 200	A	0	0
IN DEPT OF IEN	B 0	0	0						OTHER 0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0				M	40	50
	D 1	1	1									D	0	1
CSC PROGRAM	A 0	0	0	9	0	2	3	11	FACULTY 2	3	GRAD 0	A	0	0
IN DEPT OF MAT	B 6	6	7						OTHER 0	0	UNDGR 74	B	4	15
	M 1	1	1	NO. JOINT APPTS				7				M	0	0
	D 1	1	1									D	0	0
CSC PROGRAM	A 1	1	2	8	0	14	38	22	FACULTY 3	20	GRAD 0	A	0	0
IN DEPT OF MSC	B 3	4	5						OTHER 0	1	UNDGR 189	B	25	32
	M 0	0	1	NO. JOINT APPTS				13				M	0	0
	D 0	0	0									D	0	0
CSC PROGRAM	A 0	0	0	12	4	4	0	16	FACULTY 5	7	GRAD 0	A	0	0
IN DEPT OF NEC	B 1	1	1						OTHER 0	0	UNDGR 0	B	15	15
	M 1	1	1	NO. JOINT APPTS				1				M	8	10
	D 1	1	1									D	3	5
CSC PROGRAM	A 0	0	0	5	0	3	0	7	FACULTY 4	0	GRAD 0	A	0	0
IN DEPT OF SIS	B 1	1	1						OTHER 0	0	UNDGR 83	B	4	10
	M 0	1	1	NO. JOINT APPTS				5				M	0	0
	D 0	1	1									D	0	0
CTE PROGRAM	A 1	1	1	22	0	0	0	22	FACULTY 0	1	GRAD 0	A	0	0
IN DEPT OF CSC	B 1	1	1						OTHER 0	1	UNDGR 350	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CTE PROGRAM	A 2	3	3	2	0	1	9	7	FACULTY 0	0	GRAD 0	A	7	4
IN DEPT OF CTE	B 1	1	1						OTHER 0	0	UNDGR 35	B	4	4
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0

SUMMARY BY DEGREE PROGRAMS —

GROUP (PRIVATE))) CONTINUED

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME R&S	PART TIME TA-S	PART TIME OTHR	S T A F F TOT FTE		OCCUPATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CTE PROGRAM	A 1	1	1	8	1	1	0	9	FACULTY	0	5	GRAD 18	A	16	19
IN DEPT OF EEN	B 2	2	2						OTHER	0	0	UNDGR 125	B	8	7
	M 2	2	2	NO. JOINT APPTS				4					M	4	5
	D 1	1	1										D	2	2
OPR PROGRAM	A 3	3	3	14	2	3	12	23	FACULTY	0	0	GRAD 25	A	54	8
IN DEPT OF BAD	B 4	4	4						OTHER	0	0	UNDGR 260	B	59	69
	M 1	1	1	NO. JOINT APPTS				3					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 1	1	1	2	0	0	0	2	FACULTY	0	0	GRAD 0	A	5	8
IN DEPT OF COM	B 0	0	0						OTHER	0	0	UNDGR 23	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 0	0	0	0	0	16	18	0	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF CSC	B 1	1	1						OTHER	0	0	UNDGR 36	B	3	7
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 3	3	3	11	0	1	5	13	FACULTY	0	0	GRAD 0	A	10	104
IN DEPT OF OPR	B 1	2	2						OTHER	0	0	UNDGR 510	B	30	71
	M 0	0	0	NO. JOINT APPTS				1					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 1	1	1	2	0	0	3	3	FACULTY	0	0	GRAD 0	A	4	10
IN DEPT OF ICS	B 0	1	1						OTHER	0	0	UNDGR 20	B	0	2
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
ICS PROGRAM	A 0	0	0	15	35	30	0	32	FACULTY	0	11	GRAD 555	A	0	0
IN DEPT OF ICS	B 1	1	1						OTHER	0	4	UNDGR 0	B	0	0
	M 2	2	2	NO. JOINT APPTS				5					M	0	0
	D 1	1	1										D	12	12
ISC PROGRAM	A 0	0	0	4	0	4	0	8	FACULTY	0	4	GRAD 20	A	0	0
IN DEPT OF BAD	B 0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				4					M	5	5
	D 0	0	0										D	0	0
ISC PROGRAM	A 0	0	0	6	2	4	2	9	FACULTY	0	6	GRAD 20	A	0	0
IN DEPT OF ENG	B 0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				2					M	3	3
	D 1	1	1										D	2	1
ISC PROGRAM	A 0	0	0	22	23	23	19	55	FACULTY	3	21	GRAD 133	A	0	0
IN DEPT OF ISC	B 1	1	1						OTHER	0	0	UNDGR 136	B	1	8
	M 3	3	3	NO. JOINT APPTS				7					M	18	38
	D 2	2	2										D	4	5
ISC PROGRAM	A 0	0	0	14	0	1	101	102	FACULTY	0	5	GRAD 0	A	0	0
IN DEPT OF NEC	B 1	1	1						OTHER	1	19	UNDGR 45	B	7	20
	M 0	1	1	NO. JOINT APPTS				1					M	0	0
	D 0	0	0										D	0	0
ISY PROGRAM	A 0	1	1	5	3	0	0	5	FACULTY	1	2	GRAD 3	A	30	30
IN DEPT OF BAD	B 0	0	0						OTHER	0	0	UNDGR 50	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 1	1	1										D	0	0
ISY PROGRAM	A 1	1	1	4	1	0	2	5	FACULTY	0	12	GRAD 74	A	0	0
IN DEPT OF NEC	B 0	1	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	16	20
	D 0	0	0										D	0	0
NEC PROGRAM	A 0	0	0	2	0	0	0	0	FACULTY	1	0	GRAD 0	A	0	0
IN DEPT OF HSC	B 1	0	0						OTHER	0	0	UNDGR 50	B	4	5
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
SAN PROGRAM	A 0	0	0	8	1	3	0	9	FACULTY	0	7	GRAD 33	A	0	0
IN DEPT OF IEN	B 1	1	1						OTHER	0	0	UNDGR 101	B	13	22
	M 1	1	1	NO. JOINT APPTS				0					M	2	7
	D 0	0	0										D	0	0
SAN PROGRAM	A 1	1	1	0	0	0	4	1	FACULTY	0	1	GRAD 0	A	0	0
IN DEPT OF NEC	B 1	1	1						OTHER	0	0	UNDGR 4	B	0	4
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
SEN PROGRAM	A 0	0	0	6	0	3	1	6	FACULTY	1	5	GRAD 12	A	0	0
IN DEPT OF SEN	B 1	1	1						OTHER	0	0	UNDGR 15	B	8	7
	M 1	1	1	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
SIS PROGRAM	A 0	0	0	7	10	12	0	18	FACULTY	2	4	GRAD 199	A	0	0
IN DEPT OF SIS	B 0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0					M	18	27
	D 1	1	1										D	4	6

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE) 3 3

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME	STAFF TAS	STAFF OTHR	TOT FT	FACULTY AND OTHER	DOCTORATES CSPP	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM	A 0	C	C	0	0	0	0	C	FACULTY	C	0	GRAD	0	A	0	0
IN DEPT OF	B 0	C	1						OTHER	C	0	UNDGR	0	B	0	0
	M 0	C	C	NO. JOINT APPTS				C						M	0	0
	D 0	C	C											D	0	0
CPR PROGRAM	A 4	3	3	10	0	3	1	12	FACULTY	C	0	GRAD	0	A	85	145
IN DEPT OF	B 3	3	3						OTHER	C	0	UNDGR	381	B	7	15
	M 0	C	C	NO. JOINT APPTS				3						M	0	0
	D 0	C	C											D	0	0
CSC PROGRAM	A 6	7	9	257	109	171	173	474	FACULTY	102	138	GRAD	1455	A	56	87
IN DEPT OF	B 25	30	31						OTHER	31	24	UNDGR	1454	B	202	284
	M 21	22	27	NO. JOINT APPTS				105						M	297	358
	D 19	20	21											D	109	84
CTE PROGRAM	A 4	5	5	32	1	2	9	38	FACULTY	C	0	GRAD	18	A	23	23
IN DEPT OF	B 4	4	4						OTHER	C	1	UNDGR	510	B	12	11
	M 2	2	2	NO. JOINT APPTS				8						M	4	5
	D 1	1	1											D	2	2
DPR PROGRAM	A 8	8	8	29	2	20	38	91	FACULTY	C	0	GRAD	25	A	73	130
IN DEPT OF	B 6	8	8						OTHER	C	0	UNDGR	849	B	92	149
	M 1	1	1	NO. JOINT APPTS				4						M	0	0
	D 0	C	C											D	0	0
ICS PROGRAM	A C	C	C	15	35	10	0	32	FACULTY	C	11	GRAD	355	A	0	0
IN DEPT OF	B 1	1	1						OTHER	C	4	UNDGR	0	B	0	0
	M 2	2	2	NO. JOINT APPTS				5						M	0	0
	D 1	1	1											D	12	12
ISC PROGRAM	A C	C	C	48	25	32	122	174	FACULTY	3	38	GRAD	173	A	0	0
IN DEPT OF	B 2	2	2						OTHER	1	19	UNDGR	181	B	8	28
	M 5	6	6	NO. JOINT APPTS				14						M	26	46
	D 3	3	3											D	6	6
ISY PROGRAM	A 1	2	2	9	4	0	2	10	FACULTY	1	14	GRAD	77	A	30	30
IN DEPT OF	B C	1	1						OTHER	C	4	UNDGR	50	B	0	0
	M 0	C	C	NO. JOINT APPTS				C						M	16	20
	D 1	1	1											D	0	0
MEC PROGRAM	A C	C	C	2	0	0	0	C	FACULTY	1	0	GRAD	0	A	0	0
IN DEPT OF	B 1	C	C						OTHER	C	0	UNDGR	50	B	4	5
	M 0	C	C	NO. JOINT APPTS				0						M	0	0
	D 0	C	C											D	0	0
SAN PROGRAM	A 1	1	1	8	1	3	4	10	FACULTY	C	8	GRAD	33	A	0	0
IN DEPT OF	B 2	2	2						OTHER	C	0	UNDGR	105	B	13	26
	M 1	1	1	NO. JOINT APPTS				C						M	2	7
	D C	C	C											D	0	0
SEN PROGRAM	A 0	C	C	6	0	3	1	8	FACULTY	1	3	GRAD	12	A	0	0
IN DEPT OF	B 1	1	1						OTHER	C	0	UNDGR	15	B	8	7
	M 1	1	1	NO. JOINT APPTS				0						M	0	0
	D 0	C	C											D	0	0
SIS PROGRAM	A 0	C	C	7	10	12	C	18	FACULTY	2	4	GRAD	199	A	0	0
IN DEPT OF	B 0	C	C						OTHER	C	0	UNDGR	0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0						M	18	27
	D 1	1	1											D	4	6

GROUP (ASSOCIATE) SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70 70-71 71-72	FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE	FACULTY	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	DEGREES AWARDED 70-71
CPR PROGRAM IN DEPT OF BAD	A 1 3 3	5	0	2	6	8	FACULTY	0	0	GRAD 0	A	15	17
	B 0 0 0						OTHER	0	0	UNDGR 66	B	0	0
	M 0 0 0	NO. JOINT APPTS				2					M	0	0
	D 0 0 0										D	0	0
CPR PROGRAM IN DEPT OF BUS	A 1 1 1	2	0	0	0	2	FACULTY	0	0	GRAD 0	A	30	30
	B 0 0 0						OTHER	0	0	UNDGR 60	B	0	0
	M 0 0 0	NO. JOINT APPTS				1					M	0	0
	D 0 0 0										D	0	0
CPR PROGRAM IN DEPT OF CPR	A 5 5 5	24	0	13	0	25	FACULTY	0	0	GRAD 32	A	107	122
	B 0 0 0						OTHER	0	0	UNDGR 600	B	0	0
	M 0 0 0	NO. JOINT APPTS				1					M	0	0
	D 0 0 0										D	0	0
CPR PROGRAM IN DEPT OF CSC	A 3 3 3	5	0	0	9	7	FACULTY	3	0	GRAD 0	A	105	116
	B 0 0 0						OTHER	0	0	UNDGR 315	B	0	0
	M 0 0 0	NO. JOINT APPTS				0					M	0	0
	D 0 0 0										D	0	0
CPR PROGRAM IN DEPT OF CTE	A 1 1 2	4	0	5	12	10	FACULTY	0	0	GRAD 0	A	8	14
	B 0 0 0						OTHER	0	0	UNDGR 182	B	0	0
	M 0 0 0	NO. JOINT APPTS				1					M	0	0
	D 0 0 0										D	0	0
CPR PROGRAM IN DEPT OF OPR	A 19 21 21	59	1	21	37	89	FACULTY	1	0	GRAD 12	A	287	393
	B 0 0 0						OTHER	0	0	UNDGR 2507	B	0	0
	M 0 0 0	NO. JOINT APPTS				12					M	0	0
	D 0 0 0										D	0	0
CPR PROGRAM IN DEPT OF ENG	A 3 1 1	5	0	0	0	3	FACULTY	0	0	GRAD 0	A	44	5
	B 0 0 0						OTHER	0	0	UNDGR 103	B	7	0
	M 0 0 0	NO. JOINT APPTS				2					M	0	0
	D 0 0 0										D	0	0
CPR PROGRAM IN DEPT OF MAT	A 1 1 1	2	0	0	0	1	FACULTY	0	0	GRAD 0	A	0	0
	B 0 0 0						OTHER	0	0	UNDGR 35	B	0	0
	M 0 0 0	NO. JOINT APPTS				0					M	0	0
	D 0 0 0										D	0	0
CSC PROGRAM IN DEPT OF BAD	A 1 1 1	2	0	0	0	2	FACULTY	0	0	GRAD 0	A	0	2
	B 0 0 0						OTHER	0	0	UNDGR 412	B	0	0
	M 0 0 0	NO. JOINT APPTS				0					M	0	0
	D 0 0 0										D	0	0
CSC PROGRAM IN DEPT OF BUS	A 0 1 1	3	0	0	0	3	FACULTY	0	0	GRAD 0	A	0	30
	B 0 0 0						OTHER	0	0	UNDGR 40	B	0	0
	M 0 0 0	NO. JOINT APPTS				0					M	0	0
	D 0 0 0										D	0	0
CSC PROGRAM IN DEPT OF CIS	A 1 1 1	1	0	0	1	1	FACULTY	0	0	GRAD 0	A	0	0
	B 0 0 0						OTHER	0	0	UNDGR 53	B	0	0
	M 0 0 0	NO. JOINT APPTS				0					M	0	0
	D 0 0 0										D	0	0
CSC PROGRAM IN DEPT OF COM	A 2 2 2	2	0	0	5	3	FACULTY	1	0	GRAD 0	A	20	26
	B 0 0 0						OTHER	0	0	UNDGR 123	B	0	0
	M 0 0 0	NO. JOINT APPTS				0					M	0	0
	D 0 0 0										D	0	0
CSC PROGRAM IN DEPT OF CSC	A 15 17 19	48	0	2	27	59	FACULTY	1	0	GRAD 0	A	125	188
	B 0 0 0						OTHER	0	0	UNDGR 1084	B	0	0
	M 0 0 0	NO. JOINT APPTS				25					M	0	0
	D 0 0 0										D	0	0
CSC PROGRAM IN DEPT OF CTE	A 1 1 1	2	0	0	2	2	FACULTY	0	0	GRAD 0	A	3	9
	B 0 0 0						OTHER	0	0	UNDGR 56	B	0	0
	M 0 0 0	NO. JOINT APPTS				0					M	0	0
	D 0 0 0										D	0	0
CSC PROGRAM IN DEPT OF OPR	A 1 1 1	7	0	7	10	12	FACULTY	0	0	GRAD 0	A	25	36
	B 0 0 0						OTHER	0	0	UNDGR 220	B	0	0
	M 0 0 0	NO. JOINT APPTS				0					M	0	0
	D 0 0 0										D	0	0
CSC PROGRAM IN DEPT OF HSC	A 1 1 1	2	0	0	4	4	FACULTY	0	0	GRAD 0	A	1	3
	B 0 0 0						OTHER	0	0	UNDGR 90	B	0	0
	M 0 0 0	NO. JOINT APPTS				2					M	0	0
	D 0 0 0										D	0	0
CSC PROGRAM IN DEPT OF NEC	A 2 2 2	11	0	3	4	16	FACULTY	0	0	GRAD 0	A	34	60
	B 0 0 0						OTHER	0	0	UNDGR 350	B	0	0
	M 0 0 0	NO. JOINT APPTS				0					M	0	0
	D 0 0 0										D	0	0
CTE PROGRAM IN DEPT OF BUS	A 1 1 1	1	0	0	0	1	FACULTY	0	0	GRAD 0	A	0	0
	B 0 0 0						OTHER	0	0	UNDGR 6	B	0	0
	M 0 0 0	NO. JOINT APPTS				0					M	0	0
	D 0 0 0										D	0	0

SUMMARY BY DEGREE PROGRAMS

GROUP (ASSOCIATE) CONTINUED

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA'S	PART TIME TA'S	PART TIME OTHR	TOT FTE	FACULTY	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CTE PROGRAM IN DEPT OF CSC	A 2	2	2	4	0	1	1	5	FACULTY	0	0	GRAD	0	A 14	29
	B 0	0	0						OTHER	0	0	UNDGR	129	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CTE PROGRAM IN DEPT OF CTE	A 6	6	6	12	0	0	11	19	FACULTY	0	0	GRAD	0	A 38	86
	B 0	0	0						OTHER	0	2	UNDGR	800	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CTE PROGRAM IN DEPT OF OPR	A 1	1	1	1	0	0	1	1	FACULTY	0	0	GRAD	0	A 0	5
	B 0	0	0						OTHER	0	0	UNDGR	24	B 0	0
	M 0	0	0	NO. JOINT APPTS				1						M 0	0
	D 0	0	0											D 0	0
CTE PROGRAM IN DEPT OF MAT	A 1	1	1	3	0	0	0	2	FACULTY	0	0	GRAD	0	A 0	5
	B 0	0	0						OTHER	0	0	UNDGR	50	B 0	0
	M 0	0	0	NO. JOINT APPTS				2						M 0	0
	D 0	0	0											D 0	0
OPR PROGRAM IN DEPT OF BAD	A 29	30	33	68	0	12	49	99	FACULTY	1	0	GRAD	0	A 453	486
	B 0	0	0						OTHER	0	0	UNDGR	3325	B 0	0
	M 0	0	0	NO. JOINT APPTS				6						M 0	0
	D 0	0	0											D 0	0
OPR PROGRAM IN DEPT OF BUS	A 17	20	20	34	0	12	53	97	FACULTY	0	0	GRAD	2	A 197	310
	B 0	0	0						OTHER	0	8	UNDGR	2060	B 0	0
	M 0	0	0	NO. JOINT APPTS				4						M 0	0
	D 0	0	0											D 0	0
OPR PROGRAM IN DEPT OF CON	A 3	3	3	9	0	2	5	12	FACULTY	0	0	GRAD	0	A 56	62
	B 0	0	0						OTHER	0	0	UNDGR	188	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
OPR PROGRAM IN DEPT OF CPR	A 1	1	1	8	0	0	5	10	FACULTY	0	0	GRAD	0	A 51	20
	B 0	0	0						OTHER	0	0	UNDGR	637	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
OPR PROGRAM IN DEPT OF CSC	A 3	3	3	12	0	0	5	15	FACULTY	0	0	GRAD	0	A 38	30
	B 0	0	0						OTHER	0	0	UNDGR	563	B 0	0
	M 0	0	0	NO. JOINT APPTS				5						M 0	0
	D 0	0	0											D 0	0
OPR PROGRAM IN DEPT OF CTE	A 3	3	3	24	9	8	4	30	FACULTY	0	1	GRAD	0	A 73	115
	B 0	0	0						OTHER	0	0	UNDGR	1021	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
OPR PROGRAM IN DEPT OF OPR	A 132	139	139	404	9	140	325	531	FACULTY	0	10	GRAD	44	A 2360	2823
	B 0	1	1						OTHER	0	2	UNDGR	17472	B 0	41
	M 0	0	0	NO. JOINT APPTS				56						M 0	0
	D 0	0	0											D 0	0
OPR PROGRAM IN DEPT OF NEC	A 3	3	3	5	0	1	4	7	FACULTY	0	0	GRAD	0	A 10	24
	B 0	0	0						OTHER	0	0	UNDGR	276	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
ISY PROGRAM IN DEPT OF BAD	A 0	1	1	2	0	0	0	0	FACULTY	0	0	GRAD	0	A 30	30
	B 0	0	0						OTHER	0	0	UNDGR	50	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
ISY PROGRAM IN DEPT OF CSC	A 1	1	1	2	0	0	5	4	FACULTY	0	0	GRAD	0	A 0	4
	B 0	0	0						OTHER	0	0	UNDGR	75	B 0	0
	M 0	0	0	NO. JOINT APPTS				5						M 0	0
	D 0	0	0											D 0	0
ISY PROGRAM IN DEPT OF ISY	A 1	1	1	8	0	0	23	15	FACULTY	0	0	GRAD	0	A 25	30
	B 0	0	0						OTHER	0	0	UNDGR	376	B 0	0
	M 0	0	0	NO. JOINT APPTS				1						M 0	0
	D 0	0	0											D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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SUMMARY BY DEGREE PROGRAMS

GROUP (ASSOCIATE)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA'S	PART TIME TA'S	PART TIME OTHR	TOT FTE	FACULTY	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
OPR PROGRAM IN DEPT OF	A 34	36	37	106	1	41	64	145	FACULTY	4	0	GRAD	44	A 596	697
	B 0	0	0						OTHER	0	0	UNDGR	3808	B 0	0
	M 0	0	0	NO. JOINT APPTS				19						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF	A 24	27	29	78	0	12	53	103	FACULTY	2	0	GRAD	0	A 208	354
	B 0	0	0						OTHER	0	0	UNDGR	2428	B 0	0
	M 0	0	0	NO. JOINT APPTS				27						M 0	0
	D 0	0	0											D 0	0
CTE PROGRAM IN DEPT OF	A 11	11	11	21	0	1	13	28	FACULTY	0	0	GRAD	0	A 52	125
	B 0	0	0						OTHER	0	4	UNDGR	1049	B 0	0
	M 0	0	0	NO. JOINT APPTS				3						M 0	0
	D 0	0	0											D 0	0
OPR PROGRAM IN DEPT OF	A 191	202	205	564	18	195	450	761	FACULTY	1	11	GRAD	96	A 3238	3870
	B 0	1	1						OTHER	0	10	UNDGR	25551	B 0	41
	M 0	0	0	NO. JOINT APPTS				71						M 0	0
	D 0	0	0											D 0	0
ISY PROGRAM IN DEPT OF	A 2	3	3	12	0	0	28	19	FACULTY	0	6	GRAD	0	A 55	64
	B 0	0	0						OTHER	0	0	UNDGR	501	B 0	0
	M 0	0	0	NO. JOINT APPTS				6						M 0	0
	D 0	0	0											D 0	0

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GROUP (BACHELORS) SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		******* FULL TIME	**PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE	***	DOCTORATES COMP-SC	*** OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF CSC	A 1	1	1		2	0	0	2	3	FACULTY	0	0	GRAD	0	A 15	15
	B 0	0	0							OTHER	0	0	UNDGR	60	B 0	0
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
CPR PROGRAM IN DEPT OF DPR	A 1	1	1		3	0	0	0	3	FACULTY	0	0	GRAD	0	A 30	50
	B 1	1	1							OTHER	0	0	UNDGR	140	B 1	10
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
CPR PROGRAM IN DEPT OF MAT	A 0	0	0		1	0	0	0	1	FACULTY	0	0	GRAD	0	A 0	0
	B 1	1	1							OTHER	0	0	UNDGR	1	B 1	1
	M 0	0	0		NO. JOINT APPTS				1						M 0	0
	D 0	0	0												D 0	0
CPR PROGRAM IN DEPT OF MSC	A 0	0	0		1	0	0	0	1	FACULTY	0	0	GRAD	0	A 0	0
	B 1	1	1							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
CSC PROGRAM IN DEPT OF CPR	A 1	1	1		4	0	1	0	5	FACULTY	0	0	GRAD	0	A 12	19
	B 0	0	0							OTHER	0	0	UNDGR	40	B 0	0
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
CSC PROGRAM IN DEPT OF CSC	A 2	3	3		9	1	3	5	10	FACULTY	1	1	GRAD	0	A 17	25
	B 3	5	6							OTHER	4	5	UNDGR	206	B 24	37
	M 0	0	0		NO. JOINT APPTS				8						M 0	0
	D 0	0	0												D 0	0
CSC PROGRAM IN DEPT OF CTE	A 0	0	0		7	0	0	0	10	FACULTY	0	5	GRAD	0	A 0	0
	B 1	1	1							OTHER	0	0	UNDGR	200	B 10	15
	M 0	0	0		NO. JOINT APPTS				7						M 0	0
	D 0	0	0												D 0	0
CSC PROGRAM IN DEPT OF MAT	A 0	0	0		12	0	2	4	15	FACULTY	0	3	GRAD	0	A 0	0
	B 8	8	9							OTHER	0	4	UNDGR	207	B 16	28
	M 0	0	0		NO. JOINT APPTS				6						M 0	0
	D 0	0	0												D 0	0
CSC PROGRAM IN DEPT OF MSC	A 1	1	1		5	0	8	17	9	FACULTY	1	12	GRAD	0	A 0	3
	B 2	2	3							OTHER	0	1	UNDGR	195	B 10	18
	M 0	0	0		NO. JOINT APPTS				12						M 0	0
	D 0	0	0												D 0	0
CTE PROGRAM IN DEPT OF CSC	A 1	1	1		22	0	0	0	22	FACULTY	0	1	GRAD	0	A 0	0
	B 1	1	1							OTHER	0	1	UNDGR	350	B 0	0
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
CTE PROGRAM IN DEPT OF CTE	A 1	2	2		1	0	1	0	1	FACULTY	0	0	GRAD	0	A 5	1
	B 0	0	0							OTHER	0	0	UNDGR	10	B 0	0
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
CTE PROGRAM IN DEPT OF EEN	A 0	0	0		7	0	0	1	8	FACULTY	4	0	GRAD	18	A 0	0
	B 0	0	0							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	0		NO. JOINT APPTS				1						M 0	2
	D 0	0	0												D 0	0
CTE PROGRAM IN DEPT OF MEC	A 1	1	1		5	0	7	8	8	FACULTY	0	0	GRAD	0	A 0	0
	B 1	1	1							OTHER	0	0	UNDGR	75	B 0	0
	M 0	0	0		NO. JOINT APPTS				1						M 0	0
	D 0	0	0												D 0	0
OPR PROGRAM IN DEPT OF BAD	A 2	3	2		3	0	0	5	5	FACULTY	0	0	GRAD	0	A 0	3
	B 3	4	3							OTHER	0	0	UNDGR	65	B 7	9
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
OPR PROGRAM IN DEPT OF OPR	A 3	3	3		9	0	0	4	11	FACULTY	0	0	GRAD	0	A 5	25
	B 2	2	2							OTHER	0	0	UNDGR	372	B 48	46
	M 0	0	0		NO. JOINT APPTS				1						M 0	0
	D 0	0	0												D 0	0
ISC PROGRAM IN DEPT OF ISC	A 0	0	0		4	2	3	0	7	FACULTY	0	0	GRAD	0	A 0	0
	B 1	1	1							OTHER	0	0	UNDGR	135	B 0	0
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
NEC PROGRAM IN DEPT OF MSC	A 0	0	0		2	0	0	0	0	FACULTY	1	0	GRAD	0	A 0	0
	B 1	0	0							OTHER	0	0	UNDGR	50	B 4	5
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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SUMMARY BY DEGREE PROGRAMS

GROUP ( )BACHELORS))

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	******* FULL TIME	**PART HA-S	TIME** TA-S	OTHR	STAFF TOT FTE	*** COCTCHATES ***	COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 2	2	2	7	0	0	2	8	FACULTY	0	0	GRAD	0	A 45	65
IN DEPT OF	B 3	3	3						OTHER	0	0	UNDGR	201	B 2	11
	M 0	0	0	NO. JOINT APPTS				1						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM	A 4	5	5	37	1	14	32	48	FACULTY	2	21	GRAD	0	A 29	44
IN DEPT OF	B 14	18	19						OTHER	4	10	UNDGR	848	B 60	96
	M 0	0	0	NO. JOINT APPTS				33						M 0	0
	D 0	0	0											D 0	0
CTE PROGRAM	A 3	4	4	35	0	8	9	39	FACULTY	4	1	GRAD	18	A 5	1
IN DEPT OF	B 2	2	2						OTHER	0	1	UNDGR	435	B 0	0
	M 1	1	0	NO. JOINT APPTS				2						M 0	2
	D 0	0	0											D 0	0
DPR PROGRAM	A 5	6	5	12	0	0	9	16	FACULTY	0	0	GRAD	0	A 5	28
IN DEPT OF	B 5	6	5						OTHER	0	0	UNDGR	437	B 53	75
	M 0	0	0	NO. JOINT APPTS				1						M 0	0
	D 0	0	0											D 0	0
ISC PROGRAM	A 0	0	0	4	2	3	0	7	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR	135	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
NEC PROGRAM	A 0	0	0	2	0	0	0	0	FACULTY	1	0	GRAD	0	A 0	0
IN DEPT OF	B 1	0	0						OTHER	0	0	UNDGR	50	B 4	5
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0

GROUP (MASTERS) SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT		DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME R&S	PART TIME TA-S	STAFF OTHR	TOT FTE	FACULTY	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF BAD	A	0	0	0	8	0	0	3	10	FACULTY	2	0	GRAD	0	A	0	0
	B	0	1	1						OTHER	0	1	UNDGR	333	B	0	7
	M	0	0	0	NO. JOINT APPTS				3						M	0	0
	D	0	0	0											D	0	0
CPR PROGRAM IN DEPT OF MAT	A	0	0	0	0	0	3	0	1	FACULTY	0	0	GRAD	0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	29	B	5	4
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM IN DEPT OF CIS	A	0	0	0	3	0	0	7	7	FACULTY	0	2	GRAD	0	A	0	0
	B	0	1	1						OTHER	0	1	UNDGR	0	B	0	0
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM IN DEPT OF COM	A	0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
	B	0	0	1						OTHER	0	0	UNDGR	0	B	0	0
	M	0	0	1	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM IN DEPT OF CSC	A	2	2	4	69	6	29	57	107	FACULTY	2	27	GRAD	41	A	10	14
	B	8	13	19						OTHER	0	2	UNDGR	840	B	9	36
	M	2	2	3	NO. JOINT APPTS				17						M	6	7
	D	0	0	0											D	0	0
CSC PROGRAM IN DEPT OF DPR	A	1	1	1	0	0	0	6	3	FACULTY	0	0	GRAD	0	A	12	20
	B	0	0	0						OTHER	0	0	UNDGR	114	B	0	0
	M	0	0	0	NO. JOINT APPTS				6						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM IN DEPT OF EEN	A	0	0	0	8	0	3	8	0	FACULTY	0	4	GRAD	0	A	0	0
	B	0	0	1						OTHER	0	0	UNDGR	0	B	0	0
	M	0	0	1	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM IN DEPT OF ISY	A	0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
	B	0	1	1						OTHER	0	0	UNDGR	0	B	0	38
	M	0	1	1	NO. JOINT APPTS				0						M	0	5
	D	0	0	0											D	0	0
CSC PROGRAM IN DEPT OF MAT	A	0	0	0	68	1	12	10	79	FACULTY	1	24	GRAD	2	A	0	0
	B	4	6	7						OTHER	1	0	UNDGR	570	B	21	51
	M	2	2	2	NO. JOINT APPTS				3						M	2	1
	D	0	0	0											D	0	0
CSC PROGRAM IN DEPT OF MSC	A	0	0	0	2	0	2	12	7	FACULTY	2	3	GRAD	0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	98	B	23	28
	M	0	0	1	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM IN DEPT OF SCS	A	0	0	0	7	0	1	0	8	FACULTY	0	2	GRAD	0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	85	B	7	23
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CTE PROGRAM IN DEPT OF CSC	A	1	1	1	1	0	0	6	2	FACULTY	0	3	GRAD	0	A	1	1
	B	1	1	1						OTHER	0	0	UNDGR	63	B	2	2
	M	0	0	0	NO. JOINT APPTS				2						M	0	0
	D	0	0	0											D	0	0
CTE PROGRAM IN DEPT OF CTE	A	3	3	3	9	0	0	14	15	FACULTY	0	0	GRAD	0	A	47	49
	B	1	1	1						OTHER	0	0	UNDGR	290	B	4	4
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CTE PROGRAM IN DEPT OF EEN	A	1	1	1	3	0	0	0	3	FACULTY	0	0	GRAD	0	A	18	19
	B	0	0	0						OTHER	0	0	UNDGR	93	B	0	0
	M	0	0	0	NO. JOINT APPTS				3						M	0	0
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF BAD	A	2	2	2	21	2	13	17	38	FACULTY	0	1	GRAD	46	A	6	8
	B	7	6	7						OTHER	0	0	UNDGR	860	B	118	112
	M	1	0	0	NO. JOINT APPTS				3						M	0	0
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF BUS	A	0	0	0	4	0	1	0	4	FACULTY	0	2	GRAD	15	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	136	B	12	20
	M	1	1	1	NO. JOINT APPTS				4						M	2	3
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF DPR	A	1	1	1	10	0	0	8	14	FACULTY	1	0	GRAD	8	A	16	21
	B	3	3	3						OTHER	1	0	UNDGR	373	B	53	74
	M	1	1	1	NO. JOINT APPTS				1						M	2	7
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF ICS	A	1	1	1	2	0	0	3	3	FACULTY	0	0	GRAD	0	A	4	10
	B	0	1	1						OTHER	0	0	UNDGR	20	B	0	2
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	B	0	0	0											D	0	0

SUMMARY BY DEGREE PROGRAMS — PAGE IX-22

GROUP (MASTERS) CONTINUED

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
ICS PROGRAM	A 0	0	0		5	0	20	0	0	FACULTY	0	1	GRAD	180	A 0	0
IN DEPT OF ICS	B 0	0	0							OTHER	0	4	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					5						M 0	0
	D 0	0	0												D 0	0
IPR PROGRAM	A 0	0	0		2	0	0	0	2	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF IPR	B 0	0	1							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
ISC PROGRAM	A 0	0	0		9	0	0	0	9	FACULTY	2	5	GRAD	25	A 0	0
IN DEPT OF ENG	B 0	1	1							OTHER	0	0	UNDGR	200	B 0	20
	M 0	1	1	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
ISC PROGRAM	A 0	0	0		1	0	0	4	3	FACULTY	0	2	GRAD	0	A 0	0
IN DEPT OF ICS	B 0	1	1							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
ISC PROGRAM	A 0	0	0		3	0	0	0	3	FACULTY	0	3	GRAD	0	A 0	0
IN DEPT OF MAT	B 0	1	0							OTHER	0	0	UNDGR	15	B 0	0
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
ISC PROGRAM	A 0	0	0		2	0	0	2	3	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF NEC	B 1	1	1							OTHER	0	0	UNDGR	45	B 7	20
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
ISY PROGRAM	A 1	1	1		5	0	0	0	5	FACULTY	1	0	GRAD	0	A 1	5
IN DEPT OF BAD	B 1	2	2							OTHER	0	0	UNDGR	3	B 0	0
	M 0	0	0	NO. JOINT APPTS					1						M 0	0
	D 0	0	0												D 0	0
ISY PROGRAM	A 0	0	0		1	0	0	0	1	FACULTY	1	3	GRAD	50	A 0	0
IN DEPT OF EDU	B 1	1	1							OTHER	0	8	UNDGR	130	B 12	25
	M 0	0	0	NO. JOINT APPTS					0						M 3	3
	D 0	0	0												D 0	0
ISY PROGRAM	A 1	1	1		4	1	0	2	5	FACULTY	0	12	GRAD	74	A 0	0
IN DEPT OF NEC	B 0	1	1							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS					0						M 16	20
	D 0	0	0												D 0	0
ISY PROGRAM	A 0	0	0		2	0	0	0	2	FACULTY	1	0	GRAD	0	A 0	0
IN DEPT OF SYS	B 1	1	1							OTHER	0	0	UNDGR	53	B 0	24
	M 0	0	0	NO. JOINT APPTS					1						M 0	0
	D 0	0	0												D 0	0
NEC PROGRAM	A 0	0	0		3	0	0	8	7	FACULTY	0	2	GRAD	0	A 0	0
IN DEPT OF BUS	B 1	1	1							OTHER	0	0	UNDGR	26	B 2	2
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
SAN PROGRAM	A 1	1	1		0	0	0	4	1	FACULTY	0	1	GRAD	0	A 0	0
IN DEPT OF NEC	B 1	1	1							OTHER	0	0	UNDGR	4	B 0	4
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
SEN PROGRAM	A 0	0	0		0	0	0	0	0	FACULTY	0	14	GRAD	0	A 0	0
IN DEPT OF ENG	B 1	1	1							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					0						M 0	0
	D 0	1	0												D 0	0
SEN PROGRAM	A 0	0	0		11	0	0	4	13	FACULTY	6	9	GRAD	26	A 0	0
IN DEPT OF SEN	B 1	1	1							OTHER	0	2	UNDGR	385	B 26	27
	M 1	1	1	NO. JOINT APPTS					1						M 1	1
	D 0	0	0												D 0	0
SYS PROGRAM	A 0	0	0		6	0	0	2	7	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF SYS	B 1	1	1							OTHER	0	0	UNDGR	75	B 25	48
	M 0	0	0	NO. JOINT APPTS					1						M 0	0
	D 0	0	0												D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP I (MASTERS) SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME HA-S	PART TIME TA-S	PART TIME OTHR	S T A F F ICT FTE		COCTCHATES CCHP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF	A 0	0	0	0	8	0	3	3	11	FACULTY	2	6	GRAD 0	A	0	0
	B 1	2	2							OTHER	0	1	UNDGR 382	B	5	11
	M 0	0	0	NO. JOINT APPTS					2					M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM IN DEPT OF	A 3	3	5		153	7	47	100	211	FACULTY	9	44	GRAD 43	A	22	30
	B 14	23	32							OTHER	1	3	UNDGR 1707	B	60	178
	M 4	5	9	NO. JOINT APPTS					28					M	8	13
	D 0	0	0											D	0	0
CIE PROGRAM IN DEPT OF	A 5	5	5		13	0	0	20	20	FACULTY	0	3	GRAD 0	A	64	69
	B 2	2	2							OTHER	0	0	UNDGR 448	B	4	4
	M 0	0	0	NO. JOINT APPTS					5					M	0	0
	D 0	0	0											D	0	0
OPR PROGRAM IN DEPT OF	A 4	4	4		37	2	14	28	58	FACULTY	1	3	GRAD 69	A	28	39
	B 11	11	12							OTHER	1	0	UNDGR 1389	B	183	208
	M 3	2	2	NO. JOINT APPTS					8					M	4	10
	D 0	0	0											D	0	0
ICS PROGRAM IN DEPT OF	A 0	0	0		5	0	20	0	0	FACULTY	0	1	GRAD 180	A	0	0
	B 0	0	0							OTHER	0	4	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS					5					M	0	0
	D 0	0	0											D	0	0
IPR PROGRAM IN DEPT OF	A 0	0	0		2	0	0	0	2	FACULTY	0	0	GRAD 0	A	0	0
	B 0	0	1							OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS					0					M	0	0
	D 0	0	0											D	0	0
ISC PROGRAM IN DEPT OF	A 0	0	0		15	0	0	4	18	FACULTY	2	10	GRAD 25	A	0	0
	B 1	4	3							OTHER	0	0	UNDGR 280	B	7	40
	M 0	1	1	NO. JOINT APPTS					0					M	0	0
	D 0	0	0											D	0	0
ISY PROGRAM IN DEPT OF	A 2	2	2		12	1	0	2	13	FACULTY	3	15	GRAD 124	A	1	5
	B 3	5	5							OTHER	0	0	UNDGR 186	B	12	49
	M 0	0	0	NO. JOINT APPTS					2					M	19	23
	D 0	0	0											D	0	0
NEC PROGRAM IN DEPT OF	A 0	0	0		3	0	0	8	7	FACULTY	0	2	GRAD 0	A	0	0
	B 1	1	1							OTHER	0	0	UNDGR 26	B	2	2
	M 0	0	0	NO. JOINT APPTS					0					M	0	0
	D 0	0	0											D	0	0
SAN PROGRAM IN DEPT OF	A 1	1	1		0	0	0	0	1	FACULTY	0	1	GRAD 0	A	0	0
	B 1	1	1							OTHER	0	0	UNDGR 4	B	0	4
	M 0	0	0	NO. JOINT APPTS					0					M	0	0
	D 0	0	0											D	0	0
SEN PROGRAM IN DEPT OF	A 0	0	0		11	0	0	4	13	FACULTY	6	15	GRAD 26	A	0	0
	B 2	2	2							OTHER	0	4	UNDGR 385	B	26	27
	M 2	2	2	NO. JOINT APPTS					1					M	1	1
	D 0	1	0											D	0	0
SYS PROGRAM IN DEPT OF	A 0	0	0		8	0	0	2	7	FACULTY	0	0	GRAD 0	A	0	0
	B 1	1	1							OTHER	0	0	UNDGR 75	B	25	48
	M 0	0	0	NO. JOINT APPTS					1					M	0	0
	D 0	0	0											D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP ( )DOCTORATE( )

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM	A 0	0	0	6	0	1	0	9	FACULTY	7	0	GRAD	9	A 0	0
IN DEPT OF EEN	B 1	1	2						OTHER	0	0	UNDGR	85	B 8	11
	M 1	1	1	NO. JOINT APPTS				1						M 2	3
	D 1	1	1											D 1	0
CPR PROGRAM	A 0	0	0	4	0	0	0	0	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF BAD	B 1	1	1						OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CPR PROGRAM	A 2	2	2	5	0	1	14	10	FACULTY	0	0	GRAD	0	A 47	57
IN DEPT OF OPR	B 0	0	0						OTHER	0	0	UNDGR	335	B 0	0
	M 0	0	0	NO. JOINT APPTS				3						M 0	0
	D 0	0	0											D 0	0
CPR PROGRAM	A 0	0	0	2	0	0	7	4	FACULTY	9	0	GRAD	19	A 0	0
IN DEPT OF ICS	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				7						M 0	0
	D 1	1	1											D 0	0
CPR PROGRAM	A 0	0	0	3	0	0	1	3	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF MAT	B 1	1	1						OTHER	0	0	UNDGR	20	B 9	10
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	70	A 0	0
IN DEPT OF CCS	B 1	1	1						OTHER	0	0	UNDGR	60	B 20	30
	M 1	1	1	NO. JOINT APPTS				0						M 6	5
	D 1	1	1											D 4	3
CSC PROGRAM	A 0	0	0	29	31	56	6	67	FACULTY	10	14	GRAD	183	A 0	0
IN DEPT OF CIS	B 1	2	2						OTHER	14	2	UNDGR	390	B 82	109
	M 3	3	3	NO. JOINT APPTS				15						M 46	65
	D 2	2	2											D 8	11
CSC PROGRAM	A 0	0	0	74	55	15	79	99	FACULTY	5	30	GRAD	463	A 0	0
IN DEPT OF COM	B 1	1	1						OTHER	1	3	UNDGR	67	B 9	18
	M 4	6	7	NO. JOINT APPTS				24						M 95	133
	D 3	3	3											D 5	4
CSC PROGRAM	A 1	1	1	382	323	398	259	792	FACULTY	148	267	GRAD	2698	A 0	1
IN DEPT OF CSC	B 29	34	41						OTHER	13	20	UNDGR	1487	B 536	800
	M 35	37	44	NO. JOINT APPTS				225						M 362	488
	D 24	25	28											D 113	100
CSC PROGRAM	A 0	0	0	27	42	9	17	56	FACULTY	6	21	GRAD	126	A 0	0
IN DEPT OF ECS	B 1	1	1						OTHER	0	0	UNDGR	200	B 51	51
	M 1	1	1	NO. JOINT APPTS				3						M 32	32
	D 1	1	1											D 13	13
CSC PROGRAM	A 0	0	0	105	83	54	24	167	FACULTY	51	38	GRAD	543	A 0	0
IN DEPT OF EEN	B 8	10	10						OTHER	5	5	UNDGR	340	B 39	57
	M 12	13	13	NO. JOINT APPTS				2						M 148	172
	D 9	10	10											D 32	45
CSC PROGRAM	A 0	0	0	7	7	1	2	8	FACULTY	0	10	GRAD	22	A 0	0
IN DEPT OF ENG	B 1	1	1						OTHER	0	0	UNDGR	36	B 12	18
	M 1	1	1	NO. JOINT APPTS				2						M 0	5
	D 1	1	1											D 3	3
CSC PROGRAM	A 0	0	0	19	13	9	28	38	FACULTY	12	13	GRAD	136	A 0	0
IN DEPT OF ICS	B 2	2	2						OTHER	1	0	UNDGR	75	B 12	30
	M 1	1	2	NO. JOINT APPTS				16						M 40	44
	D 2	2	3											D 0	3
CSC PROGRAM	A 0	0	0	24	6	18	16	38	FACULTY	3	20	GRAD	331	A 0	0
IN DEPT OF IEN	B 2	2	2						OTHER	0	0	UNDGR	75	B 20	20
	M 4	4	4	NO. JOINT APPTS				5						M 109	127
	D 2	3	3											D 2	5
CSC PROGRAM	A 0	0	0	5	0	5	0	8	FACULTY	0	3	GRAD	2	A 0	0
IN DEPT OF LSC	B 1	1	1						OTHER	0	0	UNDGR	16	B 4	12
	M 0	1	1	NO. JOINT APPTS				0						M 0	1
	D 0	0	0											D 0	0
CSC PROGRAM	A 0	0	0	40	5	17	43	70	FACULTY	12	22	GRAD	25	A 0	0
IN DEPT OF MAT	B 7	9	10						OTHER	0	0	UNDGR	682	B 24	47
	M 6	6	7	NO. JOINT APPTS				13						M 24	25
	D 3	3	3											D 1	4
CSC PROGRAM	A 0	0	1	7	0	4	11	14	FACULTY	0	8	GRAD	0	A 0	0
IN DEPT OF MSC	B 3	4	4						OTHER	0	0	UNDGR	219	B 8	25
	M 0	1	1	NO. JOINT APPTS				1						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM	A 0	0	0	19	5	9	1	25	FACULTY	8	9	GRAD	28	A 0	0
IN DEPT OF MEC	B 2	3	3						OTHER	0	0	UNDGR	75	B 25	26
	M 2	3	3	NO. JOINT APPTS				2						M 15	21
	D 1	1	2											D 3	5

GROUP (ADOCTORATES) CONTINUED — SUMMARY BY DEGREE PROGRAMS — (AS OF JUNE 30, 1971) —

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	DOCTORATES OTHR		MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM IN DEPT OF SCS	A	1	1	1	14	0	11	8	21	FACULTY	A	W	GRAD	55	A	0	0
	B	2	2	2						OTHER	0	1	UNDGR	121	B	8	12
	M	2	2	2	NO. JOINT APPTS				11						M	7	18
	D	1	1	1											D	3	2
CSC PROGRAM IN DEPT OF SIS	A	0	0	0	5	0	3	0	7	FACULTY	A	0	GRAD	0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	83	B	4	10
	M	0	1	1	NO. JOINT APPTS				5						M	0	0
	D	0	1	1											D	0	0
CTE PROGRAM IN DEPT OF CTE	A	2	2	2	15	0	0	15	18	FACULTY	0	0	GRAD	0	A	97	100
	B	1	1	1						OTHER	0	2	UNDGR	409	B	5	15
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CTE PROGRAM IN DEPT OF EDU	A	0	0	0	2	0	0	0	2	FACULTY	0	2	GRAD	7	A	0	0
	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	1	1	1											D	0	0
CTE PROGRAM IN DEPT OF EFN	A	0	0	0	11	3	9	0	17	FACULTY	3	8	GRAD	28	A	0	0
	B	3	3	3						OTHER	0	0	UNDGR	92	B	11	17
	M	2	3	3	NO. JOINT APPTS				1						M	4	7
	D	1	1	1											D	2	2
CTE PROGRAM IN DEPT OF EET	A	0	0	0	5	0	0	0	5	FACULTY	0	0	GRAD	0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	400	B	38	50
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
OPR PROGRAM IN DEPT OF MAD	A	1	1	1	6	0	8	0	9	FACULTY	0	1	GRAD	25	A	2	8
	B	1	2	3						OTHER	0	0	UNDGR	95	B	10	10
	M	1	1	1	NO. JOINT APPTS				5						M	0	0
	D	0	0	0											D	0	0
OPR PROGRAM IN DEPT OF BUS	A	0	0	0	3	0	0	2	4	FACULTY	0	2	GRAD	13	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	65	B	30	45
	M	1	1	1	NO. JOINT APPTS				5						M	4	7
	D	0	1	1											D	0	1
OPR PROGRAM IN DEPT OF CSC	A	0	0	0	0	0	16	18	0	FACULTY	0	0	GRAD	0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	36	B	3	7
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
OPR PROGRAM IN DEPT OF ISY	A	0	1	1	2	0	1	5	3	FACULTY	0	0	GRAD	0	A	0	1
	B	0	1	1						OTHER	0	1	UNDGR	0	B	0	1
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
OPR PROGRAM IN DEPT OF NEC	A	3	3	3	2	0	1	7	3	FACULTY	0	1	GRAD	5	A	14	25
	B	1	1	1						OTHER	0	0	UNDGR	139	B	6	8
	M	1	1	1	NO. JOINT APPTS				10						M	1	2
	D	0	0	0											D	0	0
OPR PROGRAM IN DEPT OF PSC	A	0	0	0	0	2	0	3	3	FACULTY	1	2	GRAD	1	A	0	0
	B	1	1	1						OTHER	0	1	UNDGR	0	B	1	0
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	1	1	0											D	0	1
ICS PROGRAM IN DEPT OF ICS	A	0	0	0	23	35	27	8	81	FACULTY	5	18	GRAD	405	A	0	0
	B	1	2	2						OTHER	0	0	UNDGR	0	B	0	10
	M	1	2	2	NO. JOINT APPTS				3						M	2	3
	D	1	2	2											D	13	14
ISC PROGRAM IN DEPT OF MAD	A	0	0	0	8	2	5	0	11	FACULTY	0	6	GRAD	23	A	0	0
	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	1	2	2	NO. JOINT APPTS				4						M	5	9
	D	1	1	1											D	3	5
ISC PROGRAM IN DEPT OF ENG	A	0	0	0	6	2	4	2	9	FACULTY	0	6	GRAD	20	A	0	0
	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS				2						M	3	3
	D	1	1	1											D	2	1
ISC PROGRAM IN DEPT OF ICS	A	0	0	0	6	6	0	0	8	FACULTY	4	2	GRAD	35	A	0	0
	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	2	2	2	NO. JOINT APPTS				6						M	8	16
	D	1	1	1											D	0	0
ISC PROGRAM IN DEPT OF ISC	A	0	0	0	18	21	70	19	48	FACULTY	3	21	GRAD	133	A	0	0
	B	0	0	0						OTHER	0	0	UNDGR	1	B	1	8
	M	3	3	3	NO. JOINT APPTS				7						M	18	38
	D	2	2	2											D	4	5
ISC PROGRAM IN DEPT OF NEC	A	0	0	0	19	2	7	99	110	FACULTY	0	8	GRAD	4	A	0	0
	B	1	1	1						OTHER	1	23	UNDGR	150	B	20	30
	M	0	1	1	NO. JOINT APPTS				1						M	0	0
	D	1	1	1											D	2	2

SUMMARY BY DEGREE PROGRAMS

GROUP (DOCTORATES) CONTINUED
(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE	FACULTY COCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
ISY PROGRAM	A 0	0	1	27	9	29	10	48	FACULTY 3	11	GRAD	87	A 0	0
IN DEPT OF MAD	B 2	2	3						OTHER 0	2	UNDGR	321	B 54	54
	M 2	2	2	NO. JOINT APPTS				0					M 2	12
	D 2	2	2										D 1	6
ISY PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY 0	0	GRAD	0	A 0	0
IN DEPT OF BUS	B 0	0	0						OTHER 0	0	UNDGR	0	B 0	0
	M 0	1	1	NO. JOINT APPTS				0					M 0	0
	D 0	0	0										D 0	0
ISY PROGRAM	A 0	0	0	3	0	2	0	4	FACULTY 0	2	GRAD	7	A 0	0
IN DEPT OF EEN	B 1	1	1						OTHER 0	0	UNDGR	90	B 21	20
	M 1	1	1	NO. JOINT APPTS				0					M 3	6
	D 0	1	1										D 0	0
ISY PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY 0	0	GRAD	0	A 0	0
IN DEPT OF ICS	B 0	0	0						OTHER 0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS				0					M 0	0
	D 1	1	1										D 0	0
ISY PROGRAM	A 1	1	1	20	1	0	0	20	FACULTY 0	4	GRAD	23	A 18	25
IN DEPT OF ISY	B 0	0	0						OTHER 0	0	UNDGR	60	B 8	0
	M 1	1	1	NO. JOINT APPTS				1					M 0	2
	D 0	0	0										D 0	0
ISY PROGRAM	A 0	0	0	1	0	7	5	6	FACULTY 0	4	GRAD	0	A 0	0
IN DEPT OF NEC	B 1	1	1						OTHER 0	0	UNDGR	40	B 8	10
	M 0	0	0	NO. JOINT APPTS				0					M 0	0
	D 0	0	0										D 0	0
SAN PROGRAM	A 0	0	0	27	0	0	5	29	FACULTY 0	10	GRAD	59	A 0	0
IN DEPT OF BAD	B 1	1	1						OTHER 0	0	UNDGR	15	B 0	5
	M 1	1	1	NO. JOINT APPTS				0					M 1	7
	D 0	0	0										D 0	0
SAN PROGRAM	A 0	0	0	8	1	3	0	9	FACULTY 0	7	GRAD	33	A 0	0
IN DEPT OF IEN	B 1	1	1						OTHER 0	0	UNDGR	101	B 13	22
	M 1	1	1	NO. JOINT APPTS				0					M 2	7
	D 0	0	0										D 0	0
SAN PROGRAM	A 0	0	0	3	13	0	24	22	FACULTY 2	20	GRAD	40	A 0	0
IN DEPT OF NEC	B 0	0	0						OTHER 0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS				24					M 3	13
	D 0	1	1										D 0	0
SEN PROGRAM	A 0	0	0	6	0	5	12	2	FACULTY 0	5	GRAD	82	A 0	0
IN DEPT OF EEN	B 2	2	3						OTHER 0	0	UNDGR	119	B 30	30
	M 3	3	3	NO. JOINT APPTS				0					M 17	11
	D 3	3	3										D 4	5
SEN PROGRAM	A 0	0	0	12	13	2	15	21	FACULTY 0	16	GRAD	112	A 0	0
IN DEPT OF ENG	B 0	0	0						OTHER 0	2	UNDGR	200	B 35	35
	M 4	4	4	NO. JOINT APPTS				15					M 34	37
	D 3	3	3										D 4	5
SEN PROGRAM	A 0	0	0	9	3	3	4	18	FACULTY 0	6	GRAD	102	A 0	8
IN DEPT OF IEN	B 1	1	1						OTHER 0	0	UNDGR	119	B 19	36
	M 1	1	1	NO. JOINT APPTS				0					M 14	25
	D 1	1	1										D 0	4
SEN PROGRAM	A 0	0	0	13	0	3	2	14	FACULTY 2	8	GRAD	80	A 0	0
IN DEPT OF SEN	B 2	2	2						OTHER 0	0	UNDGR	70	B 33	27
	M 2	2	2	NO. JOINT APPTS				0					M 19	24
	D 0	0	0										D 0	0
SIS PROGRAM	A 0	0	0	7	10	12	0	18	FACULTY 2	4	GRAD	199	A 0	0
IN DEPT OF SIS	B 0	0	0						OTHER 0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS				0					M 18	27
	D 1	1	1										D 4	4
SYS PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY 0	0	GRAD	0	A 0	0
IN DEPT OF SYS	B 0	0	0						OTHER 0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				0					M 0	0
	D 0	0	1										D 0	0

GROUP (ASSOCIATE)

SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		******* FULL TIME	** PART TIME ** MEN	WOMEN	OTHR	S T A F F TOT FTE	*** FACULTY COMP-SC	OTHR	******* *** STUDENTS *** ENROLLED 1969 - 1970 COMP-SC	OTHR	MAJORS		DEGREES AWARDED 69-70	70-71
CEN PROGRAM IN DEPT OF	A 0	0	0		6	4	1	0	9	FACULTY	7	0	GRAD	9	A	0	0
	B 1	1	2							OTHER	0	0	UNDGR	85	B	8	11
	M 1	1	1	NO. JOINT APPTS					1						M	2	3
	D 1	1	1												D	1	0
CPR PROGRAM IN DEPT OF	A 2	2	2		14	0	1	22	17	FACULTY	9	0	GRAD	19	A	47	57
	B 2	2	2							OTHER	0	0	UNDGR	355	B	5	10
	M 0	0	0	NO. JOINT APPTS					10						M	0	0
	D 1	1	1												D	0	0
CSC PROGRAM IN DEPT OF	A 2	2	3		737	570	609	492	1408	FACULTY	273	489	GRAD	4682	A	0	1
	B 62	74	82							OTHER	34	31	UNDGR	5926	B	856	1765
	M 72	81	91	NO. JOINT APPTS					324						M	884	1236
	D 50	54	59												D	187	198
CTE PROGRAM IN DEPT OF	A 2	2	2		33	3	9	15	42	FACULTY	3	10	GRAD	35	A	97	100
	B 5	5	5							OTHER	0	2	UNDGR	401	B	54	82
	M 2	3	3	NO. JOINT APPTS					1						M	4	7
	D 2	2	2												D	2	2
DPR PROGRAM IN DEPT OF	A 4	5	5		13	2	26	35	72	FACULTY	1	0	GRAD	44	A	16	34
	B 5	7	8							OTHER	0	4	UNDGR	335	B	50	71
	M 3	3	3	NO. JOINT APPTS					20						M	5	9
	D 1	2	*												D	0	2
ICS PROGRAM IN DEPT OF	A 0	0	0		23	35	27	2	51	FACULTY	5	10	GRAD	405	A	0	0
	B 1	2	2							OTHER	0	0	UNDGR	0	B	0	10
	M 1	2	2	NO. JOINT APPTS					3						M	2	3
	D 1	2	2												D	13	14
ISC PROGRAM IN DEPT OF	A 0	0	0		57	33	36	120	187	FACULTY	7	43	GRAD	215	A	0	0
	B 1	1	1							OTHER	1	23	UNDGR	151	B	21	38
	M 7	9	9	NO. JOINT APPTS					20						M	34	66
	D 4	6	6												D	11	13
IST PROGRAM IN DEPT OF	A 1	1	2		51	10	18	15	78	FACULTY	3	21	GRAD	117	A	10	25
	B 4	4	5							OTHER	0	4	UNDGR	511	B	79	86
	M 5	6	6	NO. JOINT APPTS					1						M	5	20
	D 3	4	4												D	1	6
SAN PROGRAM IN DEPT OF	A 0	0	0		38	14	3	29	60	FACULTY	2	37	GRAD	132	A	0	0
	B 2	2	2							OTHER	0	4	UNDGR	116	B	13	27
	M 3	3	3	NO. JOINT APPTS					24						M	6	27
	D 0	1	1												D	0	0
SEN PROGRAM IN DEPT OF	A 0	0	0		40	16	13	33	51	FACULTY	2	37	GRAD	376	A	0	0
	B 5	5	6							OTHER	0	4	UNDGR	508	B	117	122
	M 10	10	10	NO. JOINT APPTS					15						M	84	97
	D 7	7	7												D	10	14
SIS PROGRAM IN DEPT OF	A 0	0	0		7	10	12	0	18	FACULTY	2	4	GRAD	199	A	0	0
	B 0	0	0							OTHER	0	0	UNDGR	0	B	0	0
	M 1	1	1	NO. JOINT APPTS					0						M	18	27
	D 1	1	1												D	4	6
STS PROGRAM IN DEPT OF	A 0	0	0		0	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
	B 0	0	0							OTHER	0	0	UNDGR	0	B	0	0
	M 0	0	0	NO. JOINT APPTS					0						M	0	0
	D 0	1	1												D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP ( ) ABELOW 500)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE	LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF BAD	A	0	1	1	2	0	0	2	3	FACULTY	0	0	GRAD	0	A 0	0
	B	0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
CPR PROGRAM IN DEPT OF CPR	A	1	1	1	3	0	0	3	4	FACULTY	0	0	GRAD	0	A 0	6
	B	0	0	0						OTHER	0	0	UNDGR	200	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
CPR PROGRAM IN DEPT OF ENG	A	1	0	0	2	0	0	0	2	FACULTY	0	0	GRAD	0	A 0	0
	B	0	0	0						OTHER	0	0	UNDGR	50	B 0	0
	M	0	0	0	NO. JOINT APPTS				2						M 0	0
	D	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF BUS	A	0	1	1	3	0	0	0	3	FACULTY	0	0	GRAD	0	A 0	30
	B	0	0	0						OTHER	0	0	UNDGR	40	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF CPR	A	1	1	1	4	0	1	0	4	FACULTY	0	0	GRAD	0	A 12	19
	B	0	0	0						OTHER	0	0	UNDGR	40	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF CSC	A	0	1	1	1	0	0	0	1	FACULTY	0	0	GRAD	0	A 0	0
	B	0	0	0						OTHER	0	0	UNDGR	15	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF CTE	A	1	1	1	2	0	0	2	2	FACULTY	0	0	GRAD	0	A 3	9
	B	0	0	0						OTHER	0	0	UNDGR	56	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
CTE PROGRAM IN DEPT OF CTE	A	0	1	1	1	0	1	0	1	FACULTY	0	0	GRAD	0	A 5	1
	B	0	0	0						OTHER	0	0	UNDGR	10	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
DPR PROGRAM IN DEPT OF BAD	A	4	4	5	15	0	3	7	19	FACULTY	0	0	GRAD	0	A 65	81
	B	0	0	0						OTHER	0	0	UNDGR	314	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
DPR PROGRAM IN DEPT OF DPR	A	9	11	11	23	2	4	11	29	FACULTY	0	0	GRAD	3	A 104	153
	B	0	0	0						OTHER	0	1	UNDGR	707	B 0	0
	M	0	0	0	NO. JOINT APPTS				3						M 0	0
	D	0	0	0											D 0	0

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WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP ( ) ABELOW 500)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE	LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF	A	2	2	2	7	0	0	5	9	FACULTY	0	0	GRAD	0	A 0	6
	B	0	0	0						OTHER	0	0	UNDGR	250	B 0	0
	M	0	0	0	NO. JOINT APPTS				2						M 0	0
	D	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF	A	2	4	4	10	0	1	2	10	FACULTY	0	0	GRAD	0	A 15	58
	B	0	0	0						OTHER	0	0	UNDGR	151	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
CTE PROGRAM IN DEPT OF	A	0	1	1	1	0	1	0	1	FACULTY	0	0	GRAD	0	A 5	1
	B	0	0	0						OTHER	0	0	UNDGR	10	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
DPR PROGRAM IN DEPT OF	A	13	15	16	38	2	7	18	48	FACULTY	0	0	GRAD	3	A 171	184
	B	0	0	0						OTHER	0	1	UNDGR	1021	B 0	0
	M	0	0	0	NO. JOINT APPTS				3						M 0	0
	D	0	0	0											D 0	0

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CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP ( ) 2500-2499)

SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 1	2	2	11	0	2	7	15 FACULTY	2	0	GRAD 0	A	15	17
IN DEPT OF BAD	B 0	1	1					OTHER	0	1	UNDGR 399	B	0	7
	M 0	0	0	NO. JOINT APPTS				4				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 1	1	1	2	0	0	0	2 FACULTY	0	0	GRAD 0	A	30	30
IN DEPT OF BUS	B 0	0	0					OTHER	0	0	UNDGR 60	B	0	0
	M 0	0	0	NO. JOINT APPTS				1				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 2	2	2	9	0	6	0	7 FACULTY	0	0	GRAD 22	A	42	44
IN DEPT OF CPR	B 0	0	0					OTHER	0	0	UNDGR 345	B	0	0
	M 0	0	0	NO. JOINT APPTS				1				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 2	2	2	5	0	0	4	6 FACULTY	3	0	GRAD 0	A	85	96
IN DEPT OF CSC	B 0	0	0					OTHER	0	0	UNDGR 215	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 0	0	1	1	0	5	6	5 FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF CTE	B 0	0	0					OTHER	0	0	UNDGR 30	B	0	0
	M 0	0	0	NO. JOINT APPTS				1				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 13	14	14	36	0	15	18	50 FACULTY	1	0	GRAD 12	A	187	255
IN DEPT OF DPR	B 1	1	1					OTHER	0	0	UNDGR 1202	B	1	10
	M 0	0	0	NO. JOINT APPTS				9				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 0	0	0	1	0	3	0	2 FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF MAT	B 2	2	2					OTHER	0	0	UNDGR 30	B	6	5
	M 0	0	0	NO. JOINT APPTS				1				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 0	0	0	1	0	0	0	1 FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF MSC	B 1	1	1					OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CSC PROGRAM	A 1	1	1	1	0	0	5	2 FACULTY	0	0	GRAD 0	A	10	11
IN DEPT OF COM	B 0	0	0					OTHER	0	0	UNDGR 73	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CSC PROGRAM	A 10	11	13	59	3	24	32	81 FACULTY	2	14	GRAD 150	A	93	120
IN DEPT OF CSC	B 5	10	13					OTHER	4	5	UNDGR 1078	B	31	45
	M 1	1	1	NO. JOINT APPTS				19				M	0	2
	D 0	0	0									D	0	0
CSC PROGRAM	A 0	0	0	24	0	0	0	24 FACULTY	5	20	GRAD 26	A	0	0
IN DEPT OF EEN	B 1	1	1					OTHER	0	0	UNDGR 0	B	2	2
	M 1	1	1	NO. JOINT APPTS				0				M	26	40
	D 0	0	0									D	0	0
CSC PROGRAM	A 0	0	0	5	0	5	0	8 FACULTY	0	3	GRAD 2	A	0	0
IN DEPT OF LSC	B 1	1	1					OTHER	0	0	UNDGR 16	B	4	12
	M 0	1	1	NO. JOINT APPTS				0				M	0	1
	D 0	0	0									D	0	0
CSC PROGRAM	A 0	0	0	20	0	2	6	27 FACULTY	0	8	GRAD 2	A	0	0
IN DEPT OF MAT	B 8	8	9					OTHER	0	4	UNDGR 152	B	2	13
	M 2	2	2	NO. JOINT APPTS				8				M	2	1
	D 0	0	0									D	0	0
CSC PROGRAM	A 2	2	2	9	0	10	33	20 FACULTY	3	15	GRAD 0	A	1	3
IN DEPT OF MSC	B 3	3	4					OTHER	0	1	UNDGR 383	B	33	44
	M 0	0	1	NO. JOINT APPTS				14				M	0	0
	D 0	0	0									D	0	0
CTE PROGRAM	A 1	1	1	1	0	0	0	1 FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF BUS	B 0	0	0					OTHER	0	0	UNDGR 6	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CTE PROGRAM	A 2	2	2	4	0	1	1	5 FACULTY	0	0	GRAD 0	A	14	29
IN DEPT OF CSC	B 0	0	0					OTHER	0	0	UNDGR 129	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CTE PROGRAM	A 5	5	5	9	0	0	2	9 FACULTY	0	0	GRAD 0	A	45	76
IN DEPT OF CTE	B 0	0	0					OTHER	0	2	UNDGR 565	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CTE PROGRAM	A 0	0	0	2	0	0	0	2 FACULTY	0	2	GRAD 7	A	0	0
IN DEPT OF EDU	B 0	0	0					OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 1	1	1									D	0	0

GROUP ( ) 3500-2499 SUMMARY BY DEGREE PROGRAMS) CONTINUED (AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE	LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	DEGREES AWARDED 70-71
CTE PROGRAM IN DEPT OF EEN	A	0	0	0	8	0	1	1	9	FACULTY	4	1	GRAD	18	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	0	B	0	0
	M	2	2	1	NO. JOINT APPTS				1						M	0	2
	D	0	0	0											D	0	0
CTE PROGRAM IN DEPT OF NEC	A	1	1	1	5	0	7	8	8	FACULTY	0	0	GRAD	0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	75	B	0	0
	M	0	0	0	NO. JOINT APPTS				1						M	0	0
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF BAD	A	14	15	17	27	0	5	13	35	FACULTY	1	0	GRAD	0	A	170	213
	B	2	3	3						OTHER	0	0	UNDGR	907	B	7	9
	M	0	0	0	NO. JOINT APPTS				6						M	0	0
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF BUS	A	8	10	10	16	0	4	9	18	FACULTY	0	0	GRAD	0	A	116	206
	B	0	0	0						OTHER	0	0	UNDGR	684	B	0	0
	M	0	0	0	NO. JOINT APPTS				3						M	0	0
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF COM	A	1	1	1	2	0	0	0	2	FACULTY	0	0	GRAD	0	A	5	8
	B	0	0	0						OTHER	0	0	UNDGR	23	B	0	0
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF CSC	A	3	3	3	12	0	0	5	15	FACULTY	0	0	GRAD	0	A	38	30
	B	0	0	0						OTHER	0	0	UNDGR	563	B	0	0
	M	0	0	0	NO. JOINT APPTS				5						M	0	0
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF CTE	A	1	1	1	14	0	0	4	18	FACULTY	0	0	GRAD	0	A	43	72
	B	0	0	0						OTHER	0	0	UNDGR	624	B	0	0
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF DPR	A	61	66	66	152	2	14	66	177	FACULTY	0	0	GRAD	11	A	771	891
	B	1	2	2						OTHER	0	1	UNDGR	4177	B	30	81
	M	0	0	0	NO. JOINT APPTS				17						M	0	0
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF NEC	A	3	3	3	5	0	1	4	7	FACULTY	0	0	GRAD	0	A	10	24
	B	0	0	0						OTHER	0	0	UNDGR	276	B	0	0
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
ICS PROGRAM IN DEPT OF ICS	A	0	0	0	5	0	70	0	0	FACULTY	0	1	GRAD	180	A	0	0
	B	0	0	0						OTHER	0	4	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS				5						M	0	0
	D	0	0	0											D	0	0
ISC PROGRAM IN DEPT OF ENG	A	0	0	0	6	2	4	2	9	FACULTY	0	6	GRAD	20	A	0	0
	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS				2						M	3	3
	D	1	1	1											D	2	1
ISC PROGRAM IN DEPT OF NEC	A	0	0	0	2	0	0	2	3	FACULTY	0	0	GRAD	0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	45	B	7	20
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
ISY PROGRAM IN DEPT OF BAD	A	1	2	2	3	0	0	0	1	FACULTY	0	0	GRAD	0	A	31	35
	B	0	0	0						OTHER	0	0	UNDGR	53	B	0	0
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
ISY PROGRAM IN DEPT OF CSC	A	1	1	1	2	0	0	5	4	FACULTY	0	0	GRAD	0	A	0	4
	B	0	0	0						OTHER	0	0	UNDGR	75	B	0	0
	M	0	0	0	NO. JOINT APPTS				5						M	0	0
	D	0	0	0											D	0	0
NEC PROGRAM IN DEPT OF MSC	A	0	0	0	2	0	0	0	0	FACULTY	1	0	GRAD	0	A	0	0
	B	1	0	0						OTHER	0	0	UNDGR	50	B	4	5
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
SYS PROGRAM IN DEPT OF SYS	A	0	0	0	6	0	0	2	7	FACULTY	0	0	GRAD	0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	75	B	25	48
	M	0	0	0	NO. JOINT APPTS				1						M	0	0
	D	0	0	0											D	0	0

GROUP C F 1500-2499) SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30* 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME REGS	PART TIME TA-S	PART TIME OTHR	STAFF FTE		COCTCHATES CC+P+SC	COCTCHATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CMR PROGRAM	A 19	21	22	66	0	31	35	68	FACULTY	8	0	GRAD	36	A 359	442
IN DEPT OF	B 4	5	5						OTHER	0	1	UNDGR	7281	B 7	22
	M 0	0	0	NO* JOINT APPTS				17						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM	A 13	14	16	118	3	91	76	142	FACULTY	10	60	GRAD	180	A 104	134
IN DEPT OF	B 18	23	28						OTHER	8	10	UNDGR	1702	B 72	110
	M 4	5	8	NO* JOINT APPTS				81						M 28	44
	D 0	0	0											D 0	0
CTE PROGRAM	A 9	9	9	29	0	9	12	36	FACULTY	8	3	GRAD	25	A 59	105
IN DEPT OF	B 2	2	2						OTHER	0	2	UNDGR	775	B 0	0
	M 2	2	1	NO* JOINT APPTS				2						M 0	2
	D 1	1	1											D 0	0
DPR PROGRAM	A 91	99	101	230	2	98	101	272	FACULTY	1	0	GRAD	11	A 1153	1444
IN DEPT OF	B 3	5	5						OTHER	0	1	UNDGR	7234	B 37	90
	M 0	0	0	NO* JOINT APPTS				31						M 0	0
	D 0	0	0											D 0	0
ICS PROGRAM	A 0	0	0	5	0	20	0	0	FACULTY	0	1	GRAD	180	A 0	0
IN DEPT OF	B 0	0	0						OTHER	0	4	UNDGR	0	B 0	0
	M 1	1	1	NO* JOINT APPTS				5						M 0	0
	D 0	0	0											D 0	0
ISC PROGRAM	A 0	0	0	8	2	4	4	12	FACULTY	0	0	GRAD	20	A 0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR	45	B 7	20
	M 1	1	1	NO* JOINT APPTS				2						M 3	3
	D 1	1	1											D 2	1
IST PROGRAM	A 2	3	3	5	0	0	5	5	FACULTY	0	0	GRAD	0	A 31	39
IN DEPT OF	B 0	0	0						OTHER	0	0	UNDGR	128	B 0	0
	M 0	0	0	NO* JOINT APPTS				5						M 0	0
	D 0	0	0											D 0	0
REC PROGRAM	A 0	0	0	2	0	0	0	0	FACULTY	1	0	GRAD	0	A 0	0
IN DEPT OF	B 1	0	0						OTHER	0	0	UNDGR	50	B 4	5
	M 0	0	0	NO* JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
SYS PROGRAM	A 0	0	0	6	0	0	2	7	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR	75	B 25	45
	M 0	0	0	NO* JOINT APPTS				1						M 0	0
	D 0	0	0											D 0	0

GROUP ( ) 32500-9999 ( )

SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME FA-S	TA-S	OTHR	S T A F F TOT FTE	FACULTY / OTHER	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM IN DEPT OF EEN	A 0	0	0	8	4	1	0	9	FACULTY	7	0	GRAD	9	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	85	B 8	11
	M 1	1	1	NO. JOINT APPTS				1						M 2	3
	D 1	1	1											D 1	0
CPR PROGRAM IN DEPT OF CPR	A 3	3	3	15	0	7	0	18	FACULTY	0	0	GRAD	10	A 65	78
	B 0	0	0						OTHER	0	0	UNDGR	255	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CPR PROGRAM IN DEPT OF CSC	A 1	1	1	2	0	0	2	3	FACULTY	0	0	GRAD	0	A 15	15
	B 0	0	0						OTHER	0	0	UNDGR	60	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CPR PROGRAM IN DEPT OF CTE	A 1	1	1	3	0	0	6	5	FACULTY	0	0	GRAD	0	A 8	14
	B 0	0	0						OTHER	0	0	UNDGR	152	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CPR PROGRAM IN DEPT OF DPR	A 6	7	7	17	0	7	29	29	FACULTY	0	0	GRAD	0	A 136	198
	B 0	0	0						OTHER	0	0	UNDGR	1445	B 0	0
	M 0	0	0	NO. JOINT APPTS				2						M 0	0
	D 0	0	0											D 0	0
CPR PROGRAM IN DEPT OF ENG	A 2	1	1	3	0	0	0	1	FACULTY	0	0	GRAD	0	A 44	5
	B 0	0	0						OTHER	0	0	UNDGR	53	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CPR PROGRAM IN DEPT OF MAT	A 1	1	1	5	0	0	1	4	FACULTY	0	0	GRAD	0	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	55	B 5	10
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF BAD	A 1	1	1	2	0	0	0	2	FACULTY	0	0	GRAD	0	A 0	2
	B 0	0	0						OTHER	0	0	UNDGR	412	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF CIS	A 1	1	1	1	0	0	1	1	FACULTY	0	0	GRAD	0	A 0	0
	B 0	0	0						OTHER	0	0	UNDGR	53	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF COM	A 1	1	1	5	10	10	8	19	FACULTY	2	3	GRAD	100	A 10	15
	B 0	0	1						OTHER	0	0	UNDGR	50	B 0	0
	M 1	2	4	NO. JOINT APPTS				0						M 20	33
	D 1	1	1											D 1	1
CSC PROGRAM IN DEPT OF CSC	A 7	8	10	121	49	45	100	200	FACULTY	24	61	GRAD	383	A 59	109
	B 13	17	24						OTHER	2	9	UNDGR	1366	B 110	201
	M 8	8	11	NO. JOINT APPTS				47						M 53	90
	D 4	4	5											D 1	6
CSC PROGRAM IN DEPT OF CTE	A 0	0	0	7	0	0	6	10	FACULTY	0	5	GRAD	0	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	200	B 10	15
	M 0	0	0	NO. JOINT APPTS				7						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF DPR	A 2	2	2	7	0	7	16	15	FACULTY	0	0	GRAD	0	A 37	56
	B 0	0	0						OTHER	0	0	UNDGR	334	B 0	0
	M 0	0	0	NO. JOINT APPTS				6						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF EEN	A 0	0	0	51	36	32	24	44	FACULTY	32	10	GRAD	133	A 0	0
	B 4	4	5						OTHER	3	2	UNDGR	250	B 23	25
	M 4	4	5	NO. JOINT APPTS				0						M 48	45
	D 3	3	3											D 22	20
CSC PROGRAM IN DEPT OF ICS	A 0	0	0	19	13	9	28	38	FACULTY	12	13	GRAD	136	A 0	0
	B 2	2	2						OTHER	1	0	UNDGR	75	B 12	30
	M 1	1	2	NO. JOINT APPTS				16						M 46	44
	D 2	2	3											D 0	3
CSC PROGRAM IN DEPT OF ISY	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A 0	0
	B 0	1	1						OTHER	0	0	UNDGR	0	B 0	38
	M 0	1	1	NO. JOINT APPTS				0						M 0	5
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF MAT	A 0	0	0	55	5	15	20	70	FACULTY	2	16	GRAD	5	A 0	0
	B 7	8	10						OTHER	1	0	UNDGR	733	B 37	60
	M 2	2	2	NO. JOINT APPTS				4						M 1	3
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF MSC	A 0	0	0	2	0	4	10	8	FACULTY	0	5	GRAD	0	A 0	0
	B 1	2	2						OTHER	0	0	UNDGR	55	B 0	0
	M 0	0	0	NO. JOINT APPTS				1						M 0	0
	D 0	0	0											D 0	0

GROUP ( ) $2500-9999) CONTINUED

SUMMARY BY DEGREE PROGRAMS
(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM IN DEPT OF NEC	A 2	2	2	25	4	7	4	32	FACULTY	5	7	GRAD	0	A	38	60
	B 1	2	2						OTHER	0	0	UNDGR	350	B	15	15
	M 1	2	2	NO. JOINT APPTS				1						M	8	10
	D 1	1	1											D	3	5
CSC PROGRAM IN DEPT OF SCS	A 0	0	0	7	0	1	0	8	FACULTY	0	2	GRAD	0	A	0	0
	B 1	1	1						OTHER	0	0	UNDGR	85	B	7	23
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM IN DEPT OF SIS	A 0	0	0	5	0	3	0	7	FACULTY	4	0	GRAD	0	A	0	0
	B 1	1	1						OTHER	0	0	UNDGR	83	B	4	10
	M 0	1	1	NO. JOINT APPTS				5						M	0	0
	D 0	1	1											D	0	0
CTE PROGRAM IN DEPT OF CSC	A 2	2	2	23	0	0	6	24	FACULTY	0	4	GRAD	0	A	1	1
	B 2	2	2						OTHER	0	1	UNDGR	413	B	2	2
	M 0	0	0	NO. JOINT APPTS				2						M	0	0
	D 0	0	0											D	0	0
CTE PROGRAM IN DEPT OF CTE	A 7	7	7	27	0	0	38	43	FACULTY	0	0	GRAD	0	A	137	159
	B 2	2	2						OTHER	0	2	UNDGR	936	B	9	19
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
CTE PROGRAM IN DEPT OF DPR	A 1	1	1	1	0	0	1	1	FACULTY	0	0	GRAD	0	A	0	5
	B 0	0	0						OTHER	0	0	UNDGR	24	B	0	0
	M 0	0	0	NO. JOINT APPTS				1						M	0	0
	D 0	0	0											D	0	0
CTE PROGRAM IN DEPT OF EEN	A 1	1	1	3	0	0	0	3	FACULTY	0	0	GRAD	0	A	16	19
	B 0	0	0						OTHER	0	0	UNDGR	93	B	0	0
	M 0	0	0	NO. JOINT APPTS				3						M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF BAD	A 14	15	14	47	2	27	47	81	FACULTY	0	1	GRAD	71	A	198	230
	B 9	8	8						OTHER	0	0	UNDGR	2493	B	128	122
	M 2	1	1	NO. JOINT APPTS				7						M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF BUS	A 8	9	9	23	0	9	29	38	FACULTY	0	4	GRAD	30	A	68	87
	B 2	2	2						OTHER	0	8	UNDGR	1074	B	42	65
	M 2	2	2	NO. JOINT APPTS				10						M	4	10
	D 0	1	1											D	0	1
DPR PROGRAM IN DEPT OF COM	A 2	2	2	7	0	2	5	10	FACULTY	0	0	GRAD	0	A	51	54
	B 0	0	0						OTHER	0	0	UNDGR	165	B	0	0
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF CTE	A 2	2	2	8	9	8	0	12	FACULTY	0	1	GRAD	0	A	30	43
	B 0	0	0						OTHER	0	0	UNDGR	397	B	0	0
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF DPR	A 56	56	56	201	5	43	181	290	FACULTY	1	9	GRAD	38	A	1072	1334
	B 4	4	4						OTHER	1	0	UNDGR	10784	B	69	100
	M 1	1	1	NO. JOINT APPTS				34						M	2	7
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF ICS	A 1	1	1	2	0	0	3	3	FACULTY	0	0	GRAD	0	A	4	10
	B 0	1	1						OTHER	0	0	UNDGR	20	B	0	2
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF ISY	A 0	1	1	2	0	1	5	3	FACULTY	0	0	GRAD	0	A	0	1
	B 0	1	1						OTHER	0	1	UNDGR	0	B	0	1
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
ICS PROGRAM IN DEPT OF ICS	A 0	0	0	10	35	10	0	32	FACULTY	0	10	GRAD	375	A	0	0
	B 1	1	1						OTHER	0	0	UNDGR	0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0						M	0	0
	D 1	1	1											D	12	12
IPR PROGRAM IN DEPT OF IPR	A 0	0	0	2	0	0	0	2	FACULTY	0	0	GRAD	0	A	0	0
	B 0	0	1						OTHER	0	0	UNDGR	0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
ISC PROGRAM IN DEPT OF BAD	A 0	0	0	6	0	4	0	8	FACULTY	0	4	GRAD	20	A	0	0
	B 0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M 1	1	1	NO. JOINT APPTS				8						M	5	5
	D 0	0	0											D	0	0
ISC PROGRAM IN DEPT OF ENG	A 0	0	0	9	0	0	0	9	FACULTY	2	5	GRAD	25	A	0	0
	B 0	1	1						OTHER	0	0	UNDGR	200	B	0	20
	M 0	1	1	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0

SUMMARY BY DEGREE PROGRAMS

GROUP (3) 72500-9999) CONTINUED
(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE	F *** DOCTORATES *** COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
ISC PROGRAM	A 0	0	0	1	0	0	0	3	FACULTY 0	2	GRAD 0	A	0	0
IN DEPT OF ICS	B 0	1	1						OTHER 0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0				M	0	0
	D 1	1	1									D	0	0
ISC PROGRAM	A 0	0	0	20	15	19	12	66	FACULTY 3	12	GRAD 72	A	0	0
IN DEPT OF ISC	B 1	1	1						OTHER 0	0	UNDGR 136	B	1	8
	M 2	2	2	NO. JOINT APPTS				0				M	3	10
	D 1	1	1									D	4	0
ISC PROGRAM	A 0	0	0	3	0	0	0	3	FACULTY 0	3	GRAD 0	A	0	0
IN DEPT OF MAT	B 0	1	0						OTHER 0	0	UNDGR 15	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
ISY PROGRAM	A 0	0	1	9	0	0	0	9	FACULTY 1	0	GRAD 0	A	0	0
IN DEPT OF BAD	B 0	1	1						OTHER 0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				1				M	0	0
	D 0	0	0									D	0	0
ISY PROGRAM	A 0	0	0	1	0	0	0	1	FACULTY 1	3	GRAD 50	A	0	0
IN DEPT OF EDU	B 1	1	1						OTHER 0	8	UNDGR 130	B	12	25
	M 0	0	0	NO. JOINT APPTS				0				M	3	3
	D 0	0	0									D	0	0
ISY PROGRAM	A 0	0	0	3	0	2	0	4	FACULTY 0	2	GRAD 7	A	0	0
IN DEPT OF EEN	B 1	1	1						OTHER 0	0	UNDGR 98	B	21	20
	M 1	1	1	NO. JOINT APPTS				0				M	3	4
	D 0	1	1									D	0	0
ISY PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY 0	0	GRAD 0	A	0	0
IN DEPT OF ICS	B 0	0	0						OTHER 0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0				M	0	0
	D 1	1	1									D	0	0
ISY PROGRAM	A 1	1	1	4	1	0	2	5	FACULTY 0	12	GRAD 74	A	0	0
IN DEPT OF NEC	B 0	1	1						OTHER 0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	16	20
	D 0	0	0									D	0	0
ISY PROGRAM	A 0	0	0	2	0	0	0	2	FACULTY 1	0	GRAD 0	A	0	0
IN DEPT OF SYS	B 1	1	1						OTHER 0	0	UNDGR 53	B	0	24
	M 0	0	0	NO. JOINT APPTS				1				M	0	0
	D 0	0	0									D	0	0
NEC PROGRAM	A 0	0	0	3	0	0	8	7	FACULTY 0	2	GRAD 0	A	0	0
IN DEPT OF BUS	B 1	1	1						OTHER 0	0	UNDGR 26	B	2	2
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
SAN PROGRAM	A 0	0	0	2	0	0	0	2	FACULTY 0	0	GRAD 0	A	0	0
IN DEPT OF BAD	B 1	1	1						OTHER 0	0	UNDGR 15	B	0	5
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
SAN PROGRAM	A 1	1	1	0	0	0	4	1	FACULTY 0	1	GRAD 0	A	0	0
IN DEPT OF NEC	B 1	1	1						OTHER 0	0	UNDGR 4	B	0	4
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
SEN PROGRAM	A 0	0	0	0	1	1	0	1	FACULTY 0	14	GRAD 30	A	0	0
IN DEPT OF ENG	B 1	1	1						OTHER 0	2	UNDGR 200	B	35	35
	M 2	2	2	NO. JOINT APPTS				0				M	4	4
	D 1	2	1									D	2	2
SEN PROGRAM	A 0	0	0	11	0	0	4	13	FACULTY 6	4	GRAD 26	A	0	0
IN DEPT OF SEN	B 1	1	1						OTHER 0	2	UNDGR 385	B	26	27
	M 1	1	1	NO. JOINT APPTS				1				M	1	1
	D 0	0	0									D	0	0

GROUP ( ) 12500-9999 SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME HAMS	PART TIME TAMS	PART TIME OTHR	STAFF TOT FTE		DOCTORATES CCMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM	A 0	0	0	8	0	1	0	9	FACULTY	7	0	GRAD	9	A 0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR	85	B 8	11
	M 1	1	1	NO. JOINT APPTS				1						M 2	3
	D 1	1	1											D 1	0
CPR PROGRAM	A 14	14	14	45	0	14	38	60	FACULTY	0	0	GRAD	10	A 268	306
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR	2020	B 5	10
	M 0	0	0	NO. JOINT APPTS				2						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM	A 16	15	17	307	117	193	217	494	FACULTY	21	122	GRAD	717	A 140	242
IN DEPT OF	B 31	39	50						OTHER	7	11	UNDGR	4046	B 218	417
	M 17	21	28	NO. JOINT APPTS				87						M 170	230
	D 11	12	14											D 27	35
CIE PROGRAM	A 11	11	11	56	0	0	45	71	FACULTY	0	9	GRAD	0	A 156	184
IN DEPT OF	B 4	4	4						OTHER	0	3	UNDGR	1404	B 11	21
	M 0	0	0	NO. JOINT APPTS				6						M 0	0
	D 0	0	0											D 0	0
OPR PROGRAM	A 83	88	85	290	16	110	270	437	FACULTY	1	15	GRAD	139	A 1419	1759
IN DEPT OF	B 15	16	16						OTHER	1	9	UNDGR	14933	B 239	290
	M 5	4	4	NO. JOINT APPTS				51						M 8	17
	D 0	1	1											D 0	1
ICS PROGRAM	A 0	0	0	10	35	10	0	32	FACULTY	0	10	GRAD	375	A 0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS				0						M 0	0
	D 1	1	1											D 12	12
IPR PROGRAM	A 0	0	0	2	0	0	0	2	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF	B 0	0	1						OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
ISC PROGRAM	A 0	0	0	39	15	23	16	67	FACULTY	9	26	GRAD	117	A 0	0
IN DEPT OF	B 1	4	3						OTHER	0	0	UNDGR	351	B 1	28
	M 4	5	5	NO. JOINT APPTS				4						M 8	15
	D 2	2	2											D 4	0
ISY PROGRAM	A 1	1	2	15	1	2	2	17	FACULTY	3	17	GRAD	131	A 0	0
IN DEPT OF	B 3	5	5						OTHER	0	8	UNDGR	273	B 33	69
	M 2	2	2	NO. JOINT APPTS				2						M 22	29
	D 1	2	2											D 0	0
NEC PROGRAM	A 0	0	0	3	0	0	8	7	FACULTY	0	4	GRAD	0	A 0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR	26	B 2	2
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
SAN PROGRAM	A 1	1	1	2	0	0	4	3	FACULTY	0	1	GRAD	0	A 0	0
IN DEPT OF	B 2	2	2						OTHER	0	0	UNDGR	19	B 0	9
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
SEN PROGRAM	A 0	0	0	11	1	1	4	13	FACULTY	6	10	GRAD	56	A 0	0
IN DEPT OF	B 2	2	2						OTHER	0	4	UNDGR	535	B 61	62
	M 3	3	3	NO. JOINT APPTS				1						M 5	5
	D 1	2	1											D 2	2

SUMMARY BY DEGREE PROGRAMS

GROUP C (I $10,000-19,999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE	*** DOCTORATES *** COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM	A 0	0	0	0	0	0	0	0 FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF EEN	B 0	0	1					OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				0					M 0	0
	D 0	0	0										D 0	0
CPR PROGRAM	A 1	1	1	0	0	0	5	1 FACULTY	0	0	GRAD	0	A 20	20
IN DEPT OF CSC	B 0	0	0					OTHER	0	0	UNDGR	100	B 0	0
	M 0	0	0	NO. JOINT APPTS				0					M 0	0
	D 0	0	0										D 0	0
CPR PROGRAM	A 1	1	1	0	1	0	1	14 FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF OPR	B 0	0	0					OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				3					M 0	0
	D 0	0	0										D 0	0
CPR PROGRAM	A 0	0	0	2	0	0	7	4 FACULTY	9	0	GRAD	19	A 0	0
IN DEPT OF ICS	B 0	0	0					OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				7					M 0	0
	D 1	1	1										D 0	0
CSC PROGRAM	A 0	0	0	17	3	11	13	39 FACULTY	12	7	GRAD	69	A 0	0
IN DEPT OF CIS	B 0	2	2					OTHER	14	3	UNDGR	90	B 11	25
	M 2	2	2	NO. JOINT APPTS				7					M 11	21
	D 1	1	1										D 4	11
CSC PROGRAM	A 0	0	0	28	45	5	3	47 FACULTY	3	29	GRAD	328	A 0	0
IN DEPT OF COM	B 1	1	1					OTHER	1	3	UNDGR	47	B 9	18
	M 3	3	3	NO. JOINT APPTS				21					M 75	85
	D 2	2	2										D 4	3
CSC PROGRAM	A 2	2	2	148	88	138	114	388 FACULTY	58	56	GRAD	726	A 0	0
IN DEPT OF CSC	B 14	16	19					OTHER	8	1	UNDGR	1862	B 172	270
	M 14	15	18	NO. JOINT APPTS				120					M 104	210
	D 8	9	11										D 76	36
CSC PROGRAM	A 0	0	0	24	41	18	6	42 FACULTY	12	7	GRAD	134	A 0	0
IN DEPT OF EEN	B 2	4	4					OTHER	2	3	UNDGR	90	B 14	30
	M 4	5	5	NO. JOINT APPTS				2					M 29	40
	D 3	4	4										D 6	15
CSC PROGRAM	A 0	0	0	7	7	1	2	8 FACULTY	0	1	GRAD	22	A 0	0
IN DEPT OF ENG	B 1	1	1					OTHER	0	0	UNDGR	36	B 12	18
	M 1	1	1	NO. JOINT APPTS				2					M 6	5
	D 1	1	1										D 3	3
CSC PROGRAM	A 0	0	0	21	3	10	5	30 FACULTY	3	13	GRAD	101	A 0	0
IN DEPT OF IEN	B 1	1	1					OTHER	0	0	UNDGR	45	B 15	15
	M 2	2	2	NO. JOINT APPTS				5					M 44	72
	D 0	1	1										D 1	1
CSC PROGRAM	A 0	0	0	34	6	12	11	44 FACULTY	1	21	GRAD	10	A 0	0
IN DEPT OF MAT	B 3	5	5					OTHER	0	0	UNDGR	583	B 18	45
	M 1	1	2	NO. JOINT APPTS				6					M 0	0
	D 0	0	0										D 0	0
CSC PROGRAM	A 0	0	1	3	0	0	1	4 FACULTY	0	3	GRAD	0	A 0	0
IN DEPT OF MSC	B 2	2	2					OTHER	0	0	UNDGR	164	B 8	25
	M 0	1	1	NO. JOIN APPTS				0					M 0	0
	D 0	0	0										D 0	0
CSC PROGRAM	A 0	0	0	5	1	5	1	9 FACULTY	3	2	GRAD	28	A 0	0
IN DEPT OF NEC	B 1	1	1					OTHER	0	0	UNDGR	75	B 10	11
	M 1	1	1	NO. JOINT APPTS				1					M 7	11
	D 0	0	1										D 0	0
CSC PROGRAM	A 1	1	1	14	0	11	0	21 FACULTY	6	9	GRAD	55	A 0	0
IN DEPT OF SCS	B 2	2	2					OTHER	0	1	UNDGR	121	B 8	12
	M 2	2	2	NO. JOINT APPTS				11					M 7	10
	D 1	1	1										D 3	2
CTE PROGRAM	A 0	0	0	10	3	8	0	16 FACULTY	3	7	GRAD	28	A 0	0
IN DEPT OF EEN	B 2	2	2					OTHER	0	0	UNDGR	92	B 11	17
	M 1	2	2	NO. JOINT APPTS				1					M 4	7
	D 1	1	1										D 2	2
CTE PROGRAM	A 1	1	1	3	0	0	0	2 FACULTY	0	0	GRAD	0	A 0	5
IN DEPT OF MAT	B 0	0	0					OTHER	0	0	UNDGR	58	B 0	0
	M 0	0	0	NO. JOINT APPTS				2					M 0	0
	D 0	0	0										D 0	0
OPR PROGRAM	A 2	2	2	9	0	18	4	15 FACULTY	0	1	GRAD	0	A 28	31
IN DEPT OF BAD	B 0	1	2					OTHER	0	0	UNDGR	631	B 0	0
	M 0	0	0	NO. JOINT APPTS				1					M 0	0
	D 0	0	0										D 0	0
OPR PROGRAM	A 1	1	1	2	0	0	17	9 FACULTY	0	0	GRAD	0	A 17	17
IN DEPT OF BUS	B 0	0	0					OTHER	0	0	UNDGR	932	B 0	0
	M 0	0	0	NO. JOINT APPTS				0					M 0	0
	D 0	0	0										D 0	0

SUMMARY BY DEGREE PROGRAMS

GROUP ( ) $10,000-19,999) CONTINUED

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE	*** DOCTORATES *** COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
DPR PROGRAM	A 9	9	9		47	0	39	79	80 FACULTY	0	1	GRAD	0	A 432	491
IN DEPT OF DPR	B 0	0	0						OTHER	0	0	UNDGR	2549	B 0	0
	M 0	0	0	NO. JOINT APPTS					4					M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM	A 0	0	0		2	0	1	1	3 FACULTY	0	1	GRAD	5	A 0	0
IN DEPT OF NEC	B 1	1	1						OTHER	0	0	UNDGR	15	B 4	6
	M 1	1	1	NO. JOINT APPTS					1					M 1	2
	D 0	0	0											D 0	0
ISC PROGRAM	A 0	0	0		6	6	0	0	9 FACULTY	4	2	GRAD	35	A 0	0
IN DEPT OF ICS	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					6					M 8	16
	D 0	0	0											D 0	0
ISC PROGRAM	A 0	0	0		2	8	4	7	11 FACULTY	0	9	GRAD	61	A 0	0
IN DEPT OF ISC	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					7					M 15	28
	D 1	1	1											D 0	5
ISC PROGRAM	A 0	0	0		12	0	1	99	99 FACULTY	0	5	GRAD	0	A 0	0
IN DEPT OF NEC	B 0	0	0						OTHER	1	19	UNDGR	0	B 0	0
	M 0	1	1	NO. JOINT APPTS					1					M 0	0
	D 0	0	0											D 0	0
ISY PROGRAM	A 0	0	0		6	5	2	0	10 FACULTY	3	3	GRAD	3	A 0	0
IN DEPT OF BAD	B 1	1	1						OTHER	0	0	UNDGR	15	B 0	7
	M 0	0	0	NO. JOINT APPTS					0					M 0	0
	D 1	1	1											D 0	0
ISY PROGRAM	A 2	2	2		28	1	0	23	35 FACULTY	0	4	GRAD	23	A 35	55
IN DEPT OF ISY	B 0	0	0						OTHER	0	0	UNDGR	436	B 0	0
	M 1	1	1	NO. JOINT APPTS					2					M 0	2
	D 0	0	0											D 0	0
ISY PROGRAM	A 0	0	0		1	0	7	5	6 FACULTY	0	4	GRAD	0	A 0	0
IN DEPT OF NEC	B 1	1	1						OTHER	0	0	UNDGR	40	B 4	10
	M 0	0	0	NO. JOINT APPTS					0					M 0	0
	D 0	0	0											D 0	0
SAN PROGRAM	A 0	0	0		25	0	0	5	27 FACULTY	0	10	GRAD	59	A 0	0
IN DEPT OF BAD	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					0					M 1	7
	D 0	0	0											D 0	0
SAN PROGRAM	A 0	0	0		8	1	3	0	9 FACULTY	0	7	GRAD	33	A 0	0
IN DEPT OF IEN	B 1	1	1						OTHER	0	0	UNDGR	101	B 13	22
	M 1	1	1	NO. JOINT APPTS					0					M 2	7
	D 0	0	0											D 0	0
SEN PROGRAM	A 0	0	0		0	0	0	15	2 FACULTY	0	10	GRAD	5	A 0	0
IN DEPT OF ENG	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					15					M 2	2
	D 0	0	0											D 0	0
SEN PROGRAM	A 0	0	0		7	0	0	1	8 FACULTY	1	3	GRAD	68	A 0	0
IN DEPT OF SEN	B 1	1	1						OTHER	0	0	UNDGR	55	B 25	20
	M 1	1	1	NO. JOINT APPTS					0					M 19	24
	D 0	0	0											D 0	0
SIS PROGRAM	A 0	0	0		7	10	12	0	18 FACULTY	2	4	GRAD	199	A 0	0
IN DEPT OF SIS	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					0					M 18	27
	D 1	1	1											D 4	6
SYS PROGRAM	A 0	0	0		0	0	0	0	0 FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF SYS	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS					0					M 0	0
	D 0	1	1											D 0	0

GROUP (I 10,000-19,999) SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT		DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME HRS	TIME OTHR	STAFF TOT FTE		CODICATES CONP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM IN DEPT OF	A	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
	B	0	0	1					OTHER	0	0	UNDGR	0	B	0	0
	C	0	0	0	NO. JOINT APPTS			0						M	0	0
	D	0	0	0										D	0	0
CPR PROGRAM IN DEPT OF	A	2	2	2	8	1	0	13	FACULTY	9	0	GRAD	19	A	20	20
	B	0	0	0					OTHER	0	0	UNDGR	100	B	0	0
	C	0	0	0	NO. JOINT APPTS			10						M	0	0
	D	1	1	1										D	0	0
CSC PROGRAM IN DEPT OF	A	3	3	4	303	188	231	182	552	FACULTY	58	194	GRAD	1473	A	0	0
	B	27	35	36					OTHER	25	11	UNDGR	3133	B	277	469
	M	30	33	37	NO. JOINT APPTS			175						M	301	402
	D	16	19	22										D	101	73
CTE PROGRAM IN DEPT OF	A	1	1	1	13	3	8	0	18	FACULTY	3	7	GRAD	28	A	0	5
	B	2	2	2					OTHER	0	0	UNDGR	142	B	11	17
	M	1	2	2	NO. JOINT APPTS			3						M	4	7
	D	1	1	1										D	2	2
DPR PROGRAM IN DEPT OF	A	12	12	12	60	0	58	101	87	FACULTY	0	3	GRAD	5	A	477	539
	B	1	2	3					OTHER	0	0	UNDGR	1727	B	6	8
	M	1	1	1	NO. JOINT APPTS			6						M	1	2
	D	0	0	0										D	0	0
ISC PROGRAM IN DEPT OF	A	0	0	0	20	14	5	106	119	FACULTY	8	10	GRAD	76	A	0	0
	B	0	0	0					OTHER	1	19	UNDGR	0	B	0	0
	M	2	3	3	NO. JOINT APPTS			14						M	23	44
	D	1	1	1										D	0	5
IST PROGRAM IN DEPT OF	A	2	2	2	35	6	9	28	51	FACULTY	3	11	GRAD	26	A	35	55
	B	2	2	2					OTHER	0	0	UNDGR	491	B	4	17
	M	1	1	1	NO. JOINT APPTS			2						M	0	2
	D	1	1	1										D	0	0
SAN PROGRAM IN DEPT OF	A	0	0	0	23	1	3	5	36	FACULTY	0	17	GRAD	92	A	0	0
	B	1	1	1					OTHER	0	0	UNDGR	101	B	13	22
	M	2	2	2	NO. JOINT APPTS			0						M	3	14
	D	0	0	0										D	0	0
SEN PROGRAM IN DEPT OF	A	0	0	0	7	0	0	10	10	FACULTY	1	13	GRAD	73	A	0	0
	B	1	1	1					OTHER	0	0	UNDGR	55	B	25	20
	M	2	2	2	NO. JOINT APPTS			15						M	21	26
	D	0	0	0										D	0	0
SIS PROGRAM IN DEPT OF	A	0	0	0	7	10	12	0	18	FACULTY	2	9	GRAD	199	A	0	0
	B	0	0	0					OTHER	0	0	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS			0						M	18	27
	D	1	1	1										D	4	6
S PROGRAM IN DEPT OF	A	0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
	B	0	0	0					OTHER	0	0	UNDGR	0	B	0	0
	M	0	0	0	NO. JOINT APPTS			0						M	0	0
	D	0	1	1										D	0	0

GROUP (3 $20,000 PLUS)

SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE	FACULTY AND OTHER	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF BAD	A 0	0	0	4	0	0	0	0	FACULTY	0	0	GRAD	0	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CPR PROGRAM IN DEPT OF DPR	A 1	1	1	5	0	0	0	5	FACULTY	0	0	GRAD	0	A 41	45
	B 0	0	0						OTHER	0	0	UNDGR	135	B 0	0
	M 0	0	0	NO. JOINT APPTS				1						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF CCS	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	70	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	60	B 20	30
	M 1	1	1	NO. JOINT APPTS				0						M 6	5
	D 1	1	1											D 4	3
CSC PROGRAM IN DEPT OF CIS	A 0	0	0	15	28	25	0	35	FACULTY	6	9	GRAD	114	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	300	B 71	84
	M 1	1	1	NO. JOINT APPTS				8						M 35	44
	D 1	1	1											D 0	0
CSC PROGRAM IN DEPT OF COM	A 0	0	0	42	0	0	68	24	FACULTY	1	3	GRAD	35	A 0	0
	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 0	1	1	NO. JOINT APPTS				3						M 0	15
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF CSC	A 1	1	1	159	190	205	102	380	FACULTY	68	124	GRAD	1520	A 0	1
	B 8	9	10						OTHER	3	12	UNDGR	1276	B 256	357
	M 14	15	17	NO. JOINT APPTS				89						M 207	293
	D 12	12	12											D 36	58
CSC PROGRAM IN DEPT OF ECS	A 0	0	0	27	42	9	17	56	FACULTY	6	21	GRAD	126	A 0	1
	B 1	1	1						OTHER	0	0	UNDGR	200	B 51	51
	M 1	1	1	NO. JOINT APPTS				3						M 32	32
	D 1	1	1											D 13	13
CSC PROGRAM IN DEPT OF EEN	A 0	0	0	10	6	7	2	17	FACULTY	2	5	GRAD	250	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	0	B 0	0
	M 3	3	3	NO. JOINT APPTS				0						M 45	47
	D 3	3	3											D 4	10
CSC PROGRAM IN DEPT OF IEN	A 0	0	0	3	3	8	11	8	FACULTY	0	7	GRAD	230	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	30	B 5	5
	M 2	2	2	NO. JOINT APPTS				0						M 45	55
	D 2	2	2											D 1	2
CSC PROGRAM IN DEPT OF MAT	A 0	0	0	11	1	2	20	23	FACULTY	10	4	GRAD	10	A 0	0
	B 1	2	2						OTHER	0	0	UNDGR	11	B 6	8
	M 3	3	3	NO. JOINT APPTS				4						M 23	22
	D 3	3	3											D 1	4
CTE PROGRAM IN DEPT OF EET	A 0	0	0	5	0	0	0	5	FACULTY	0	0	GRAD	0	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	400	B 38	50
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF CPR	A 1	1	1	8	0	0	5	10	FACULTY	0	0	GRAD	0	A 51	20
	B 0	0	0						OTHER	0	0	UNDGR	637	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF CSC	A 0	0	0	0	0	16	18	0	FACULTY	0	0	GRAD	0	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	36	B 3	7
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF DPR	A 1	1	1	0	0	0	0	0	FACULTY	0	0	GRAD	0	A 0	0
	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF MEC	A 3	3	3	0	0	0	6	0	FACULTY	0	0	GRAD	0	A 14	25
	B 0	0	0						OTHER	0	0	UNDGR	124	B 0	0
	M 0	0	0	NO. JOINT APPTS				9						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM IN DEPT OF PSC	A 0	0	0	0	2	0	3	3	FACULTY	1	2	GRAD	1	A 0	0
	B 1	1	1						OTHER	0	1	UNDGR	0	B 1	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 1	1	0											D 0	1
ICS PROGRAM IN DEPT OF ICS	A 0	0	0	13	0	17	2	19	FACULTY	5	6	GRAD	30	A 0	0
	B 0	1	1						OTHER	0	0	UNDGR	0	B 0	10
	M 0	1	1	NO. JOINT APPTS				3						M 2	3
	D 0	1	1											D 1	2
ISC PROGRAM IN DEPT OF BAD	A 0	0	0	2	2	1	0	3	FACULTY	0	2	GRAD	3	A 0	0
	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 0	1	1	NO. JOINT APPTS				0						M 0	4
	D 1	1	1											D 3	5

GROUP ( ) $20,000 PLUS) CONTINUED — SUMMARY BY DEGREE PROGRAMS —

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE YEAR 69-70	LEVEL AND OFFERED 70-71	71-72		FULL TIME	PART TIME RANKS	TA'S	S T A F F ** TIME** OTHR	TOT FTE		DOCTORATES COMP-SC	******* *** OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
ISC PROGRAM IN DEPT OF MEC	A	0	0	0	7	2	6	0	11	FACULTY	0	3	GRAD	4	A	0	0
	B	1	1	1						OTHER	0	4	UNDGR	150	B	20	30
	W	0	0	0	NO. JOINT APPTS.				0						W	0	0
	O	1	1	1											O	2	2
ISY PROGRAM IN DEPT OF BAD	A	0	0	0	20	4	27	10	37	FACULTY	0	8	GRAD	84	A	0	0
	B	2	2	3						OTHER	0	2	UNDGR	306	B	54	47
	W	2	2	2	NO. JOINT APPTS				0						W	2	12
	O	1	1	1											O	1	4
ISY PROGRAM IN DEPT OF BUS	A	0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	W	0	1	1	NO. JOINT APPTS				0						W	0	0
	O	0	0	0											O	0	0
SAN PROGRAM IN DEPT OF MEC	A	0	0	0	3	13	0	24	22	FACULTY	2	20	GRAD	40	A	0	0
	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	W	1	1	1	NO. JOINT APPTS				24						W	3	13
	O	0	1	1											O	0	0
SEN PROGRAM IN DEPT OF EEN	A	0	0	0	8	0	5	12	2	FACULTY	0	5	GRAD	82	A	0	0
	B	2	2	3						OTHER	0	0	UNDGR	119	B	30	30
	W	3	3	3	NO. JOINT APPTS				0						W	17	11
	O	3	3	3											O	4	5
SEN PROGRAM IN DEPT OF ENG	A	0	0	0	12	12	1	0	18	FACULTY	0	8	GRAD	77	A	0	0
	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	W	2	2	2	NO. JOINT APPTS				0						W	28	31
	O	2	2	2											O	4	3
SEN PROGRAM IN DEPT OF IEN	A	0	0	0	9	3	3	4	14	FACULTY	0	6	GRAD	102	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	119	B	19	30
	W	1	1	1	NO. JOINT APPTS				0						W	14	25
	O	1	1	1											O	0	4
SEN PROGRAM IN DEPT OF SEN	A	0	0	0	6	0	3	1	6	FACULTY	1	5	GRAD	12	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	15	B	8	7
	W	1	1	1	NO. JOINT APPTS				0						W	0	0
	O	0	0	0											O	0	0

SUMMARY BY DEGREE PROGRAMS

GROUP 6 F 250,000 PLUS)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT		DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME HDMS	T/MS	OTHR	TOT FTE	F	... DOCTORATES ... GRAD-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A	1	1	1	9	0	0	0	5	FACULTY	0	6	GRAD	0	A	41	45
IN DEPT OF	B	1	1	1						OTHER	0	0	UNDGR	135	B	0	0
	M	0	0	0	NO. JOINT APPTS				1						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM	A	1	1	1	287	270	256	220	503	FACULTY	93	173	GRAD	2355	A	0	1
IN DEPT OF	B	14	16	17						OTHER	3	14	UNDGR	1877	B	409	535
	M	25	27	25	NO. JOINT APPTS				157						M	393	513
	D	23	23	23											D	59	90
CIE PROGRAM	A	0	0	0	5	0	0	0	5	FACULTY	0	6	GRAD	0	A	0	0
IN DEPT OF	B	1	1	1						OTHER	0	6	UNDGR	400	B	38	50
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
OPR PROGRAM	A	5	5	5	8	2	18	32	13	FACULTY	1	4	GRAD	1	A	65	45
IN DEPT OF	B	2	2	2						OTHER	0	1	UNDGR	797	B	4	7
	M	0	0	0	NO. JOINT APPTS				9						M	0	0
	D	1	1	0											D	0	1
ICS PROGRAM	A	0	0	0	13	0	17	2	15	FACULTY	5	6	GRAD	30	A	0	0
IN DEPT OF	B	0	1	1						OTHER	0	0	UNDGR	0	B	0	10
	M	0	1	1	NO. JOINT APPTS				3						M	2	3
	D	0	1	1											D	1	2
ISC PROGRAM	A	0	0	0	9	4	7	0	14	FACULTY	0	5	GRAD	7	A	0	0
IN DEPT OF	B	1	1	1						OTHER	0	4	UNDGR	150	B	20	30
	M	0	1	1	NO. JOINT APPTS				0						M	0	4
	D	2	2	2											D	5	7
ISY PROGRAM	A	0	0	0	20	4	27	10	37	FACULTY	0	8	GRAD	84	A	0	0
IN DEPT OF	B	2	2	3						OTHER	0	4	UNDGR	306	B	54	67
	M	2	3	3	NO. JOINT APPTS				0						M	2	12
	D	1	1	1											D	1	6
SAN PROGRAM	A	0	0	0	3	13	0	24	22	FACULTY	2	24	GRAD	40	A	0	0
IN DEPT OF	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS				24						M	3	13
	D	0	1	1											D	3	9
SEN PROGRAM	A	0	0	0	33	19	12	17	40	FACULTY	1	24	GRAD	273	A	0	0
IN DEPT OF	B	3	4	5						OTHER	0	0	UNDGR	253	B	57	87
	M	7	7	7	NO. JOINT APPTS				0						M	59	87
	D	6	6	5											D	8	12

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC ASSOCIATE)BELOW 500)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 0	1	1	2	0	0	2	3 FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF BAD	B 0	0	0					OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CPR PROGRAM	A 1	1	1	3	0	0	3	6 FACULTY	0	0	GRAD 0	A	0	6
IN DEPT OF OPR	B 0	0	0					OTHER	0	0	UNDGR 200	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CSC PROGRAM	A 0	1	1	3	0	0	0	3 FACULTY	0	0	GRAD 0	A	0	30
IN DEPT OF BUS	B 0	0	0					OTHER	0	0	UNDGR 40	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CSC PROGRAM	A 0	1	1	1	0	0	0	1 FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF CSC	B 0	0	0					OTHER	0	0	UNDGR 15	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CSC PROGRAM	A 1	1	1	2	0	0	2	2 FACULTY	0	0	GRAD 0	A	3	9
IN DEPT OF CTE	B 0	0	0					OTHER	0	0	UNDGR 54	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
OPR PROGRAM	A 3	3	4	9	0	3	7	13 FACULTY	0	0	GRAD 0	A	17	31
IN DEPT OF BAD	B 0	0	0					OTHER	0	0	UNDGR 239	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
OPR PROGRAM	A 8	10	10	22	2	4	10	28 FACULTY	0	0	GRAD 3	A	96	139
IN DEPT OF OPR	B 0	0	0					OTHER	0	1	UNDGR 647	B	0	0
	M 0	0	0	NO. JOINT APPTS				3				M	0	0
	D 0	0	0									D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC ASSOCIATE)BELOW 500)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 1	2	2	5	0	0	5	7 FACULTY	0	0	GRAD 0	A	0	6
IN DEPT OF	B 0	0	0					OTHER	0	0	UNDGR 200	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
CSC PROGRAM	A 1	3	3	6	0	0	2	6 FACULTY	0	0	GRAD 0	A	3	39
IN DEPT OF	B 0	0	0					OTHER	0	0	UNDGR 111	B	0	0
	M 0	0	0	NO. JOINT APPTS				0				M	0	0
	D 0	0	0									D	0	0
OPR PROGRAM	A 11	13	14	31	2	7	17	41 FACULTY	0	0	GRAD 3	A	113	170
IN DEPT OF	B 0	0	0					OTHER	0	1	UNDGR 886	B	0	0
	M 0	0	0	NO. JOINT APPTS				3				M	0	0
	D 0	0	0									D	0	0

GROUP (PUBLIC ASSOCIATE)500-2499 1

SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME M+S	PART TIME W+S	PART TIME OTHR	S T A F F TOT FTE		DOCTORATES COMP+SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF BAD	A 1	2	2		3	0	2	4	5	FACULTY	0	0	GRAD 0	A	15	17
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					2		0	0	UNDGR 66	M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF BUS	A 1	1	1		2	0	0	0	2	FACULTY	0	0	GRAD 0	A	30	30
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					1		0	0	UNDGR 60	M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF CPR	A 2	2	2		9	0	8	0	7	FACULTY	0	0	GRAD 22	A	42	44
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					1		0	0	UNDGR 345	M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF CSC	A 1	1	1		3	0	0	4	4	FACULTY	3	0	GRAD 0	A	45	38
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					0		0	0	UNDGR 105	M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF CTE	A 0	0	1		1	0	5	4	5	FACULTY	0	0	GRAD 0	A	0	0
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					1		0	0	UNDGR 30	M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM IN DEPT OF DPR	A 11	12	12		31	0	15	17	48	FACULTY	1	0	GRAD 12	A	142	170
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					9		0	0	UNDGR 1011	M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM IN DEPT OF COM	A 1	1	1		1	0	0	5	2	FACULTY	0	0	GRAD 0	A	10	11
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					0		0	0	UNDGR 73	M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM IN DEPT OF CSC	A 8	8	10		18	0	1	17	36	FACULTY	0	0	GRAD 0	A	49	73
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					8		0	0	UNDGR 544	M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM IN DEPT OF MSC	A 1	1	1		2	0	0	4	4	FACULTY	0	0	GRAD 0	A	1	1
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					2		0	0	UNDGR 90	M	0	0
	D 0	0	0											D	0	0
CTE PROGRAM IN DEPT OF BUS	A 1	1	1		1	0	0	0	1	FACULTY	0	0	GRAD 0	A	0	0
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					0		0	0	UNDGR 6	M	0	0
	D 0	0	0											D	0	0
CTE PROGRAM IN DEPT OF CSC	A 2	2	2		4	0	1	1	5	FACULTY	0	0	GRAD 0	A	14	29
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					0		0	0	UNDGR 129	M	0	0
	D 0	0	0											D	0	0
CTE PROGRAM IN DEPT OF CTE	A 4	4	4		8	0	0	2	6	FACULTY	0	0	GRAD 0	A	38	70
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					0		0	2	UNDGR 585	M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF BAD	A 13	13	15		24	0	5	11	31	FACULTY	1	0	GRAD 0	A	170	210
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					6		0	0	UNDGR 845	M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF BUS	A 9	10	10		16	0	4	9	18	FACULTY	0	0	GRAD 0	A	116	206
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					3		0	0	UNDGR 604	M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF CSC	A 3	3	3		12	0	0	5	15	FACULTY	0	0	GRAD 0	A	38	30
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					5		0	0	UNDGR 583	M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF CTE	A 1	1	1		16	0	0	4	18	FACULTY	0	0	GRAD 0	A	43	72
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					3		0	0	UNDGR 624	M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF DPR	A 58	63	63		141	2	33	72	184	FACULTY	0	0	GRAD 11	A	768	796
	B 0	0	0							OTHER				B	0	10
	M 0	0	0	NO. JOINT APPTS					16		0	1	UNDGR 3715	M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM IN DEPT OF NEC	A 3	3	3		5	0	1	4	7	FACULTY	0	0	GRAD 0	A	10	24
	B 0	0	0							OTHER				B	0	0
	M 0	0	0	NO. JOINT APPTS					0		0	0	UNDGR 276	M	0	0
	D 0	0	0											D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC ASSOCIATE)500-2499) CONTINUED
(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT		DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE		DOCTORATES CONF-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
ISY PROGRAM	A	1	1	1	2	0	0	5	4	FACULTY	0	0	GRAD	0	A 0	4
IN DEPT OF CSC	B	0	0	0						OTHER	0	0	UNDGR	75	B 0	0
	M	0	0	0	NO. JOINT APPTS				5						M 0	0
	D	0	0	0											D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC ASSOCIATE)500-2499)
(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT		DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE		DOCTORATES CONF-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A	16	18	19	49	0	28	31	67	FACULTY	0	0	GRAD	34	A 274	297
IN DEPT OF	B	0	0	0						OTHER	0	0	UNDGR	1637	B 0	0
	M	0	0	0	NO. JOINT APPTS				14						M 0	0
	D	0	0	0											D 0	0
CSC PROGRAM	A	10	10	12	21	0	1	28	32	FACULTY	0	0	GRAD	0	A 60	87
IN DEPT OF	B	0	0	0						OTHER	0	0	UNDGR	707	B 0	0
	M	0	0	0	NO. JOINT APPTS				10						M 0	0
	D	0	0	0											D 0	0
CTE PROGRAM	A	7	7	7	11	0	1	3	12	FACULTY	0	0	GRAD	0	A 52	99
IN DEPT OF	B	0	0	0						OTHER	0	0	UNDGR	700	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
OPR PROGRAM	A	86	93	95	214	2	43	95	253	FACULTY	1	0	GRAD	1,	A 1145	1338
IN DEPT OF	B	0	0	0						OTHER	0	1	UNDGR	4667	B 0	10
	M	0	0	0	NO. JOINT APPTS				30						M 0	0
	D	0	0	0											D 0	0
ISY PROGRAM	A	1	1	1	2	0	0	5	4	FACULTY	0	0	GRAD	0	A 0	4
IN DEPT OF	B	0	0	0						OTHER	0	0	UNDGR	75	B 0	0
	M	0	0	0	NO. JOINT APPTS				5						M 0	0
	D	0	0	0											D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC ASSOCIATE)2500-9999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	J T A F F TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 3	3	3	15	0	7	0	18	FACULTY	0	0	GRAD 10	A	65	78
IN DEPT OF CPR	B 0	0	0						OTHER	0	0	UNDGR 255	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 1	1	1	3	0	0	6	5	FACULTY	0	0	GRAD 0	A	8	14
IN DEPT OF CTE	B 0	0	0						OTHER	0	0	UNDGR 152	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 5	6	6	17	0	0	15	24	FACULTY	0	0	GRAD 0	A	130	182
IN DEPT OF OPR	B 0	0	0						OTHER	0	0	UNDGR 1245	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 2	1	1	3	0	0	0	1	FACULTY	0	0	GRAD 0	A	44	5
IN DEPT OF ENG	B 0	0	0						OTHER	0	0	UNDGR 53	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 1	1	1	2	0	0	0	1	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF MAT	B 0	0	0						OTHER	0	0	UNDGR 35	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 1	1	1	2	0	0	0	2	FACULTY	0	0	GRAD 0	A	0	2
IN DEPT OF BAD	B 0	0	0						OTHER	0	0	UNDGR 412	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 1	1	1	1	0	0	1	1	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF CIS	B 0	0	0						OTHER	0	0	UNDGR 53	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 1	1	1	1	0	0	0	1	FACULTY	1	0	GRAD 0	A	10	15
IN DEPT OF COM	B 0	0	0						OTHER	0	0	UNDGR 50	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 4	5	5	14	0	0	8	16	FACULTY	0	0	GRAD 0	A	69	93
IN DEPT OF CSC	B 0	0	0						OTHER	0	0	UNDGR 420	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 1	1	1	7	0	7	10	12	FACULTY	0	0	GRAD 0	A	25	36
IN DEPT OF OPR	B 0	0	0						OTHER	0	0	UNDGR 220	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 2	2	2	11	0	3	4	16	FACULTY	0	0	GRAD 0	A	34	60
IN DEPT OF NEC	B 0	0	0						OTHER	0	0	UNDGR 350	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CTE PROGRAM	A 2	2	2	6	0	0	9	13	FACULTY	0	0	GRAD 0	A	0	16
IN DEPT OF CTE	B 0	0	0						OTHER	0	0	UNDGR 235	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CTE PROGRAM	A 1	1	1	1	0	0	1	1	FACULTY	0	0	GRAD 0	A	0	5
IN DEPT OF OPR	B 0	0	0						OTHER	0	0	UNDGR 24	B	0	0
	M 0	0	0	NO. JOINT APPTS				1					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 10	11	11	25	0	16	28	43	FACULTY	0	0	GRAD 0	A	190	214
IN DEPT OF BAD	B 0	0	0						OTHER	0	0	UNDGR 1535	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 8	9	9	16	0	8	27	30	FACULTY	0	0	GRAD 2	A	64	87
IN DEPT OF BUS	B 0	0	0						OTHER	0	8	UNDGR 873	B	0	0
	M 0	0	0	NO. JOINT APPTS				1					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 2	2	2	7	0	2	5	10	FACULTY	0	0	GRAD 0	A	51	54
IN DEPT OF COM	B 0	0	0						OTHER	0	0	UNDGR 165	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 2	2	2	8	9	8	0	12	FACULTY	0	1	GRAD 0	A	38	43
IN DEPT OF CTE	B 0	0	0						OTHER	0	0	UNDGR 397	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 54	54	54	188	5	43	173	273	FACULTY	0	9	GRAD 30	A	1054	1303
IN DEPT OF OPR	B 0	0	0						OTHER	0	0	UNDGR 10186	B	0	0
	M 0	0	0	NO. JOINT APPTS				33					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC ASSOCIATE)2500-9999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	TOT FTE	FACULTY AND OTHER	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF	A 12	12	12	30	0	13	21	49	FACULTY	0	0	GRAD 10	A	247	279
	B 0	0	0						OTHER	0	0	UNDGR 1740	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM IN DEPT OF	A 10	11	11	36	0	10	23	48	FACULTY	1	0	GRAD 0	A	118	206
	B 0	0	0						OTHER	0	0	UNDGR 1505	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CTE PROGRAM IN DEPT OF	A 3	3	3	7	0	0	10	14	FACULTY	0	0	GRAD 0	A	0	21
	B 0	0	0						OTHER	0	0	UNDGR 259	B	0	0
	M 0	0	0	NO. JOINT APPTS				1					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM IN DEPT OF	A 76	78	78	244	14	97	233	348	FACULTY	0	10	GRAD 32	A	1389	1701
	B 0	0	0						OTHER	0	0	UNDGR 13156	B	0	0
	M 0	0	0	NO. JOINT APPTS				34					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC ASSOCIATE)10,000-19,999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	TOT FTE	FACULTY AND OTHER	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF CSC	A 1	1	1	0	0	0	5	1	FACULTY	0	0	GRAD 0	A	20	28
	B 0	0	0						OTHER	0	0	UNDGR 100	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM IN DEPT OF OPR	A 1	1	1	6	1	0	1	10	FACULTY	0	0	GRAD 0	A	0	0
	B 0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				3					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM IN DEPT OF CSC	A 2	2	2	12	0	0	2	13	FACULTY	1	0	GRAD 0	A	0	0
	B 0	0	0						OTHER	0	0	UNDGR 50	B	0	0
	M 0	0	0	NO. JOINT APPTS				17					M	0	0
	D 0	0	0										D	0	0
CTE PROGRAM IN DEPT OF MAT	A 1	1	1	3	0	0	0	2	FACULTY	0	0	GRAD 0	A	0	5
	B 0	0	0						OTHER	0	0	UNDGR 50	B	0	0
	M 0	0	0	NO. JOINT APPTS				2					M	0	0
	D 0	0	0										D	0	0
DPR PROGRAM IN DEPT OF BAD	A 2	2	2	4	0	8	3	6	FACULTY	0	0	GRAD 0	A	28	31
	B 0	0	0						OTHER	0	0	UNDGR 631	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
DPR PROGRAM IN DEPT OF BUS	A 1	1	1	2	0	0	17	9	FACULTY	0	0	GRAD 0	A	17	17
	B 0	0	0						OTHER	0	0	UNDGR 532	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
DPR PROGRAM IN DEPT OF DPR	A 9	9	9	47	0	39	79	60	FACULTY	0	1	GRAD 0	A	432	491
	B 0	0	0						OTHER	0	0	UNDGR 2549	B	0	0
	M 0	0	0	NO. JOINT APPTS				4					M	0	0
	D 0	0	0										D	0	0
ISY PROGRAM IN DEPT OF ISY	A 1	1	1	8	0	0	23	15	FACULTY	0	0	GRAD 0	A	25	30
	B 0	0	0						OTHER	0	0	UNDGR 376	B	0	0
	M 0	0	0	NO. JOINT APPTS				1					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC ASSOCIATE)10,000-19,999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	TOT FTE	FACULTY AND OTHER	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF	A 2	2	2	6	1	0	8	15	FACULTY	0	0	GRAD 0	A	20	20
	B 0	0	0						OTHER	0	0	UNDGR 100	B	0	0
	M 0	0	0	NO. JOINT APPTS				3					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM IN DEPT OF	A 2	2	2	12	0	0	2	13	FACULTY	1	0	GRAD 0	A	0	0
	B 0	0	0						OTHER	0	0	UNDGR 50	B	0	0
	M 0	0	0	NO. JOINT APPTS				17					M	0	0
	D 0	0	0										D	0	0
CTE PROGRAM IN DEPT OF	A 1	1	1	3	0	0	0	2	FACULTY	0	0	GRAD 0	A	0	5
	B 0	0	0						OTHER	0	0	UNDGR 50	B	0	0
	M 0	0	0	NO. JOINT APPTS				2					M	0	0
	D 0	0	0										D	0	0
DPR PROGRAM IN DEPT OF	A 12	12	12	53	0	97	99	75	FACULTY	0	1	GRAD 0	A	477	539
	B 0	0	0						OTHER	0	0	UNDGR 3712	B	0	0
	M 0	0	0	NO. JOINT APPTS				4					M	0	0
	D 0	0	0										D	0	0
ISY PROGRAM IN DEPT OF	A 1	1	1	8	0	0	23	15	FACULTY	0	0	GRAD 0	A	25	30
	B 0	0	0						OTHER	0	0	UNDGR 376	B	0	0
	M 0	0	0	NO. JOINT APPTS				1					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC)BACHELORS)500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 0	0	0		1	0	0	0	1	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF MSC	B 1	1	1							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
CSC PROGRAM	A 0	0	0		3	0	0	3	5	FACULTY	0	1	GRAD	0	A 0	0
IN DEPT OF MST	B 2	2	2							OTHER	0	4	UNDGR	83	B 0	1
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
CSC PROGRAM	A 0	0	0		4	0	0	1	5	FACULTY	0	3	GRAD	0	A 0	0
IN DEPT OF MSC	B 1	1	1							OTHER	0	0	UNDGR	159	B 8	12
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
CTE PROGRAM	A 0	0	0		7	0	0	1	8	FACULTY	4	0	GRAD	18	A 0	0
IN DEPT OF EEN	B 0	0	0							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	0	NO. JOINT APPTS					1						M 0	2
	D 0	0	0												D 0	0
CTE PROGRAM	A 1	1	1		5	0	7	8	8	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF MEC	B 1	1	1							OTHER	0	0	UNDGR	75	B 0	0
	M 0	0	0	NO. JOINT APPTS					1						M 0	0
	D 0	0	0												D 0	0
DPR PROGRAM	A 0	1	1		1	0	0	0	1	FACULTY	0	0	GRAD	0	A 0	3
IN DEPT OF BAD	B 0	1	1							OTHER	0	0	UNDGR	27	B 0	0
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
DPR PROGRAM	A 1	1	1		1	0	0	0	1	FACULTY	0	0	GRAD	0	A 3	5
IN DEPT OF DPR	B 0	0	0							OTHER	0	0	UNDGR	12	B 0	0
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC)BACHELORS)500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 0	0	0		1	0	0	0	1	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF	B 1	1	1							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
CSC PROGRAM	A 0	0	0		7	0	0	4	10	FACULTY	0	4	GRAD	0	A 0	0
IN DEPT OF	B 3	3	3							OTHER	0	4	UNDGR	242	B 8	13
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
CTE PROGRAM	A 1	1	1		12	0	7	9	16	FACULTY	4	0	GRAD	18	A 0	0
IN DEPT OF	B 1	1	1							OTHER	0	0	UNDGR	75	B 0	0
	M 1	1	0	NO. JOINT APPTS					2						M 0	2
	D 0	0	0												D 0	0
DPR PROGRAM	A 1	2	2		2	0	0	0	2	FACULTY	0	0	GRAD	0	A 3	8
IN DEPT OF	B 0	1	1							OTHER	0	0	UNDGR	39	B 0	0
	M 0	0	0	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0

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CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC /BACHELORS/2500-9999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE		DOCTORATES CMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	DEGREES AWARDED 70-71
CPR PROGRAM	A 1	1	1	2	0	0	2	3	FACULTY	0	0	GRAD	0	A 15	15
IN DEPT OF CSC	B 0	0	0						OTHER	0	0	UNDGR	60	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM	A 0	0	0	1	0	0	1	1	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF MAT	B 1	1	1						OTHER	0	0	UNDGR	60	B 15	18
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM	A 1	1	0	0	0	0	3	1	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF BAD	B 1	1	0						OTHER	0	0	UNDGR	3	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
OPR PROGRAM	A 1	1	1	3	0	0	0	3	FACULTY	0	0	GRAD	0	A 2	10
IN DEPT OF OPR	B 1	1	1						OTHER	0	0	UNDGR	225	B 16	26
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0

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SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC /BACHELORS/2500-9999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE		DOCTORATES CMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	DEGREES AWARDED 70-71
CPR PROGRAM	A 1	1	1	2	0	0	2	3	FACULTY	0	0	GRAD	0	A 15	15
IN DEPT OF	B 0	0	0						OTHER	0	0	UNDGR	60	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM	A 0	0	0	1	0	0	1	1	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR	60	B 15	18
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM	A 2	2	1	3	0	0	3	4	FACULTY	0	0	GRAD	0	A 2	10
IN DEPT OF	B 2	2	1						OTHER	0	0	UNDGR	228	B 16	26
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0

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SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC MASTERS 3500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE		DOCTORATES CONF-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 0	0	0	0	8	0	0	3	10	FACULTY	2	0	GRAD 0	A	0	0
IN DEPT OF BAD	B 0	1	1							OTHER	0	1	UNDGR 333	B	0	7
	M 0	0	0	NO. JOINT APPTS					2					M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM	A 0	0	0		16	2	11	9	25	FACULTY	0	8	GRAD 0	A	0	0
IN DEPT OF CSC	B 2	4	4							OTHER	0	0	UNDGR 187	B	0	0
	M 0	0	0	NO. JOINT APPTS					2					M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM	A 0	0	0		3	0	0	3	5	FACULTY	0	4	GRAD 2	A	0	0
IN DEPT OF MAT	B 1	1	1							OTHER	0	0	UNDGR 5	B	1	3
	M 1	1	1	NO. JOINT APPTS					2					M	2	1
	D 0	0	0											D	0	0
CTE PROGRAM	A 1	1	1		3	0	0	0	3	FACULTY	0	3	GRAD 0	A	7	6
IN DEPT OF CTE	B 0	0	0							OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS					0					M	0	0
	D 0	0	0											D	0	0
ISY PROGRAM	A 1	1	1		1	0	0	0	1	FACULTY	0	0	GRAD 0	A	1	5
IN DEPT OF BAD	B 0	0	0							OTHER	0	0	UNDGR 3	B	0	0
	M 0	0	0	NO. JOINT APPTS					0					M	0	0
	D 0	0	0											D	0	0
SYS PROGRAM	A 0	0	0		6	0	0	2	7	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF SYS	B 1	1	1							OTHER	0	0	UNDGR 75	B	25	48
	M 0	0	0	NO. JOINT APPTS					1					M	0	0
	D 0	0	0											D	0	0

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SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC MASTERS 3500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE		DOCTORATES CONF-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 0	0	0	0	8	0	0	3	10	FACULTY	2	0	GRAD 0	A	0	0
IN DEPT OF	B 0	1	1							OTHER	0	1	UNDGR 333	B	0	7
	M 0	0	0	NO. JOINT APPTS					2					M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM	A 0	0	0		19	2	11	12	30	FACULTY	0	14	GRAD 2	A	0	0
IN DEPT OF	B 3	5	5							OTHER	0	0	UNDGR 192	B	1	3
	M 1	1	1	NO. JOINT APPTS					4					M	2	1
	D 0	0	0											D	0	0
CTE PROGRAM	A 1	1	1		3	0	0	0	3	FACULTY	0	0	GRAD 0	A	7	6
IN DEPT OF	B 0	0	0							OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS					0					M	0	0
	D 0	0	0											D	0	0
ISY PROGRAM	A 1	1	1		1	0	0	0	1	FACULTY	0	0	GRAD 0	A	1	5
IN DEPT OF	B 0	0	0							OTHER	0	0	UNDGR 3	B	0	0
	M 0	0	0	NO. JOINT APPTS					0					M	0	0
	D 0	0	0											D	0	0
SYS PROGRAM	A 0	0	0		6	0	0	2	7	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF	B 1	1	1							OTHER	0	0	UNDGR 75	B	25	48
	M 0	0	0	NO. JOINT APPTS					1					M	0	0
	D 0	0	0											D	0	0

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC MASTERS #2500-9999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME R&S	PART TIME OTHR	% T A F TOT FTE	F	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 2	2	3	21	0	0	38	34	FACULTY	0	0	GRAD 0	A	10	14
IN DEPT OF CSC	B 3	5	7						OTHER	0	2	UNDGR 253	B	0	12
	M 0	0	0	NO. JOINT APPTS				8					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 1	1	1	0	0	0	6	3	FACULTY	0	0	GRAD 0	A	12	23
IN DEPT OF OPR	B 0	0	0						OTHER	0	0	UNDGR 114	B	0	9
	M 0	0	0	NO. JOINT APPTS				6					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF ISY	B 0	1	1						OTHER	0	0	UNDGR 0	B	0	38
	M 0	1	1	NO. JOINT APPTS				0					M	0	5
	D 0	0	0										D	0	0
CSC PROGRAM	A 0	0	0	42	1	6	5	48	FACULTY	1	11	GRAD 0	A	0	0
IN DEPT OF MAT	B 1	2	3						OTHER	1	0	UNDGR 14	B	5	14
	M 1	1	1	NO. JOINT APPTS				1					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 0	0	0	7	0	1	0	8	FACULTY	0	2	GRAD 0	A	0	0
IN DEPT OF SCS	B 1	1	1						OTHER	0	0	UNDGR 85	B	7	23
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CTE PROGRAM	A 1	1	1	1	0	0	1	2	FACULTY	0	1	GRAD 0	A	1	1
IN DEPT OF CSC	B 1	1	1						OTHER	0	0	UNDGR 63	B	2	2
	M 0	0	0	NO. JOINT APPTS				2					M	0	0
	D 0	0	0										D	0	0
CTE PROGRAM	A 1	1	1	5	0	0	5	6	FACULTY	0	0	GRAD 0	A	38	40
IN DEPT OF CTE	B 0	0	0						OTHER	0	0	UNDGR 265	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 1	1	1	16	0	8	6	23	FACULTY	0	1	GRAD 48	A	0	0
IN DEPT OF BAD	B 6	5	5						OTHER	0	0	UNDGR 725	B	74	62
	M 1	0	0	NO. JOINT APPTS				3					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 0	0	0	4	0	1	0	4	FACULTY	0	2	GRAD 15	A	0	0
IN DEPT OF HUS	B 1	1	1						OTHER	0	0	UNDGR 136	B	12	20
	M 1	1	1	NO. JOINT APPTS				4					M	2	3
	D 0	0	0										D	0	0
OPR PROGRAM	A 1	1	1	10	0	0	8	14	FACULTY	1	0	GRAD 8	A	14	21
IN DEPT OF OPR	B 3	3	3						OTHER	1	0	UNDGR 373	B	53	74
	M 1	1	1	NO. JOINT APPTS				1					M	2	7
	D 0	0	0										D	0	0
IPR PROGRAM	A 0	0	0	2	0	0	0	2	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF IPR	B 0	0	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
ISC PROGRAM	A 0	0	0	9	0	0	0	9	FACULTY	2	5	GRAD 25	A	0	0
IN DEPT OF ENG	B 0	1	1						OTHER	0	0	UNDGR 200	B	0	20
	M 0	1	1	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
ISC PROGRAM	A 0	0	0	1	0	0	4	3	FACULTY	0	2	GRAD 0	A	0	0
IN DEPT OF ICS	B 0	0	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
ISC PROGRAM	A 0	0	0	3	0	0	0	3	FACULTY	0	3	GRAD 0	A	0	0
IN DEPT OF MAT	B 0	1	0						OTHER	0	0	UNDGR 15	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
ISY PROGRAM	A 0	0	0	4	0	0	0	4	FACULTY	1	0	GRAD 0	A	0	0
IN DEPT OF BAD	B 0	1	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				1					M	0	0
	D 0	0	0										D	0	0
ISY PROGRAM	A 0	0	0	1	0	0	0	1	FACULTY	1	3	GRAD 50	A	0	0
IN DEPT OF EDU	B 1	1	1						OTHER	0	4	UNDGR 130	B	12	25
	M 0	0	0	NO. JOINT APPTS				0					M	3	3
	D 0	0	0										D	0	0
ISY PROGRAM	A 0	0	0	2	0	0	0	2	FACULTY	1	0	GRAD 0	A	0	0
IN DEPT OF SYS	B 1	1	1						OTHER	0	0	UNDGR 53	B	0	24
	M 0	0	0	NO. JOINT APPTS				1					M	0	0
	D 0	0	0										D	0	0
MEC PROGRAM	A 0	0	0	3	0	0	8	7	FACULTY	0	2	GRAD 0	A	0	0
IN DEPT OF BUS	B 1	1	1						OTHER	0	0	UNDGR 26	B	2	2
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC MASTERS 32500-9999) CONTINUED

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME MA-S	TA-S	OTHR	S T A F F TOT FTE	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
SEN PROGRAM	A 0	0	0	0	0	0	0	0 FACULTY	0	14	GRAD	0	A 0	0
IN DEPT OF ENG	B 1	1	1					OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS				0					M 0	0
	D 0	1	0										D 0	0
SEN PROGRAM	A 0	0	0	11	0	0	4	13 FACULTY	6	4	GRAD	26	A 0	0
IN DEPT OF SEN	B 1		1					OTHER	0	2	UNDGR	385	B 26	27
	M 1	1	1	NO. JOINT APPTS				1					M 1	1
	D 0	0	0										D 0	0

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SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC MASTERS 32500-9999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME MA-S	TA-S	OTHR	S T A F F TOT FTE	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 3	3	4	70	1	7	49	93 FACULTY	1	19	GRAD	0	A 22	36
IN DEPT OF	B 5	5	12					OTHER	1	2	UNDGR	466	B 12	87
	M 1	2	2	NO. JOINT APPTS				13					M 0	5
	D 0	0	0										D 0	0
CTE PROGRAM	A 2	2	2	8	0	0	11	8 FACULTY	0	3	GRAD	0	A 39	41
IN DEPT OF	B 1	1	1					OTHER	0	0	UNDGR	328	B 2	2
	M 0	0	0	NO. JOINT APPTS				2					M 0	0
	D 0	0	0										D 0	0
OPR PROGRAM	A 2	2	2	30	0	9	14	41 FACULTY	1	3	GRAD	69	A 16	21
IN DEPT OF	B 10	9	9					OTHER	1	4	UNDGR	1234	B 141	156
	M 3	2	2	NO. JOINT APPTS				8					M 8	10
	D 0	0	0										D 0	0
IPM PROGRAM	A 0	0	0	2	0	0	0	2 FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF	B 0	0	0					OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				0					M 0	0
	D 0	0	0										D 0	0
ISC PROGRAM	A 0	0	0	13	0	0	4	15 FACULTY	2	10	GRAD	25	A 0	0
IN DEPT OF	B 0	3	2					OTHER	0	0	UNDGR	215	B 0	20
	M 0	1	1	NO. JOINT APPTS				0					M 0	0
	D 0	0	0										D 0	0
ISY PROGRAM	A 0	0	0	7	0	0	0	7 FACULTY	3	3	GRAD	50	A 0	0
IN DEPT OF	B 2	3	3					OTHER	0	0	UNDGR	103	B 12	49
	M 0	0	0	NO. JOINT APPTS				2					M 3	3
	D 0	0	0										D 0	0
NEC PROGRAM	A 0	0	0	3	0	0	8	7 FACULTY	0	2	GRAD	0	A 0	0
IN DEPT OF	B 1	1	1					OTHER	0	4	UNDGR	28	B 2	2
	M 0	0	0	NO. JOINT APPTS				0					M 0	0
	D 0	0	0										D 0	0
SEN PROGRAM	A 0	0	0	11	0	0	4	13 FACULTY	6	10	GRAD	26	A 0	0
IN DEPT OF	B 2	2	2					OTHER	0	4	UNDGR	385	B 26	27
	M 2	2	2	NO. JOINT APPTS				1					M 1	1
	D 0	1	0										D 0	0

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CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC MASTERS $10,000-19,999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME STAFF		OTHR	STAFF TOT FTE	FACULTY AND OTHER	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 0	0	0	3	0	0	7	7	FACULTY	0	2	GRAD 0	A	0	0
IN DEPT OF CIS	B 0	1	1						OTHER	0	1	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 0	0	0	18	1	8	0	25	FACULTY	1	7	GRAD 20	A	0	0
IN DEPT OF CSC	B 2	2	3						OTHER	0	0	UNDGR 320	B	1	14
	M 1	1	1	NO. JOINT APPTS				4					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 0	0	0	23	0	6	2	26	FACULTY	0	9	GRAD 0	A	0	0
IN DEPT OF MAT	B 2	3	3						OTHER	0	0	UNDGR 551	B	15	34
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 0	0	0	3	0	4	1	5	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF BAD	B 0	0	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC MASTERS $10,000-19,999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME STAFF		OTHR	STAFF TOT FTE	FACULTY AND OTHER	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 0	0	0	44	1	14	9	58	FACULTY	1	18	GRAD 20	A	0	0
IN DEPT OF	B 4	6	7						OTHER	0	1	UNDGR 871	B	16	48
	M 1	1	1	NO. JOINT APPTS				4					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 0	0	0	3	0	4	1	5	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF	B 0	0	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC MASTERS $20,000 PLUS)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME STAFF		OTHR	STAFF TOT FTE	FACULTY AND OTHER	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF CSC	B 0	1	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	1	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
ISY PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF BAD	B 1	1	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC MASTERS $20,000 PLUS)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME STAFF		OTHR	STAFF TOT FTE	FACULTY AND OTHER	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF	B 0	1	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	1	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
ISY PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC DOCTORATE)500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME HA-S	PART TIME TA-S	PART TIME OTHR	TOT FTE		DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM IN DEPT OF CSC	A 0	0	0	4	0	3	0	5	FACULTY	0	2	GRAD	0	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	80	B 7	8
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF EEN	A 0	0	0	24	0	0	0	24	FACULTY	5	20	GRAD	26	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	0	B 2	2
	M 1	1	1	NO. JOINT APPTS				0						M 26	40
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF LSC	A 0	0	0	5	0	5	0	8	FACULTY	0	3	GRAD	2	A 0	0
	B 1	1	1						OTHER	0	0	UNDGR	16	B 4	12
	M 0	1	1	NO. JOINT APPTS				0						M 0	1
	D 0	0	0											D 0	0
CSC PROGRAM IN DEPT OF MAT	A 0	0	0	6	0	0	0	6	FACULTY	0	1	GRAD	0	A 0	0
	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS				0						M 0	0
	D 0	0	0											D 0	0
CTE PROGRAM IN DEPT OF EDU	A 0	0	0	2	0	0	0	2	FACULTY	0	2	GRAD	7	A 0	0
	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 1	1	1											D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC DOCTORATE)500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME HA-S	PART TIME TA-S	PART TIME OTHR	TOT FTE		DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM IN DEPT OF	A 0	0	0	39	0	6	0	45	FACULTY	5	28	GRAD	28	A 0	0
	B 3	3	3						OTHER	0	0	UNDGR	96	B 13	22
	M 2	3	3	NO. JOINT APPTS				0						M 26	41
	D 0	0	0											D 0	0
CTE PROGRAM IN DEPT OF	A 0	0	0	2	0	0	0	2	FACULTY	0	2	GRAD	7	A 0	0
	B 0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0	NO. JOINT APPTS				0						M 0	0
	D 1	1	1											D 0	0

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC DOCTORATE)2500-9999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM	A 0	0	0	6	4	1	0	9	FACULTY	7	0	GRAD	9	A	0	0
IN DEPT OF EEN	B 1	1	1						OTHER	0	0	UNDGR	85	B	8	11
	M 1	1	1	NO. JOINT APPTS				1						M	2	3
	D 1	1	1											D	1	0
CPR PROGRAM	A 1	1	1	0	0	1	14	5	FACULTY	0	0	GRAD	0	A	6	12
IN DEPT OF CPR	B 0	0	0						OTHER	0	0	UNDGR	200	B	0	0
	M 0	0	0	NO. JOINT APPTS				2						M	0	0
	D 0	0	0											D	0	0
CPR PROGRAM	A 0	0	0	3	0	0	1	3	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF MAT	B 1	1	1						OTHER	0	0	UNDGR	20	B	5	10
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM	A 0	0	0	2	0	0	0	2	FACULTY	1	1	GRAD	0	A	0	0
IN DEPT OF COM	B 0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M 0	1	2	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
CSC PROGRAM	A 0	0	0	49	9	5[illegible]	16	69	FACULTY	15	23	GRAD	187	A	0	0
IN DEPT OF CSC	B 7	9	11						OTHER	0	0	UNDGR	599	B	102	179
	M 5	5	6	NO. JOINT APPTS				27						M	30	58
	D 1	1	1											D	0	1
CSC PROGRAM	A 0	0	0	19	13	9	28	38	FACULTY	12	13	GRAD	136	A	0	0
IN DEPT OF ICS	B 2	2	2						OTHER	1	0	UNDGR	75	B	12	30
	M 1	1	2	NO. JOINT APPTS				16						M	40	44
	D 2	2	3											D	0	3
CSC PROGRAM	A 0	0	0	11	0	9	11	19	FACULTY	1	4	GRAD	5	A	0	0
IN DEPT OF MAT	B 4	4	5						OTHER	0	0	UNDGR	649	B	14	22
	M 1	1	1	NO. JOINT APPTS				2						M	1	3
	D 0	0	0											D	0	0
CSC PROGRAM	A 0	0	0	2	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF NEC	B 0	1	1						OTHER	0	0	UNDGR	0	B	0	0
	M 0	1	1	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
CTE PROGRAM	A 2	2	2	15	0	0	15	18	FACULTY	0	0	GRAD	0	A	97	100
IN DEPT OF CTE	B 1	1	1						OTHER	0	2	UNDGR	409	B	5	15
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM	A 1	1	1	0	0	0	0	0	FACULTY	0	0	GRAD	0	A	2	6
IN DEPT OF BAD	B 0	0	1						OTHER	0	0	UNDGR	80	B	0	0
	M 0	0	0	NO. JOINT APPTS				1						M	0	0
	D 0	0	0											D	0	0
DPR PROGRAM	A 0	0	0	3	0	0	2	4	FACULTY	0	2	GRAD	13	A	0	0
IN DEPT OF BUS	B 1	1	1						OTHER	0	0	UNDGR	65	B	30	45
	M 1	1	1	NO. JOINT APPTS				5						M	4	7
	D 0	1	1											D	0	1
DPR PROGRAM	A 0	1	1	2	0	1	5	3	FACULTY	0	0	GRAD	0	A	0	1
IN DEPT OF ISY	B 0	1	1						OTHER	0	1	UNDGR	0	B	0	1
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
ISC PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF ICS	B 0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0						M	0	0
	D 1	1	1											D	0	0
ISY PROGRAM	A 0	0	1	1	0	0	0	1	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF BAD	B 0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
ISY PROGRAM	A 0	0	0	3	0	2	0	4	FACULTY	0	2	GRAD	7	A	0	0
IN DEPT OF EEN	B 1	1	1						OTHER	0	0	UNDGR	90	B	21	20
	M 1	1	1	NO. JOINT APPTS				0						M	3	6
	D 0	1	1											D	0	0
ISY PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF ICS	B 0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0						M	0	0
	D 1	1	1											D	0	0
SAN PROGRAM	A 0	0	0	2	0	0	0	2	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF BAD	B 1	1	1						OTHER	0	0	UNDGR	15	B	0	5
	M 0	0	0	NO. JOINT APPTS				0						M	0	0
	D 0	0	0											D	0	0
SEN PROGRAM	A 0	0	0	0	1	1	0	1	FACULTY	0	0	GRAD	30	A	0	0
IN DEPT OF ENG	B 0	0	0						OTHER	0	2	UNDGR	200	B	35	35
	M 1	1	1	NO. JOINT APPTS				0						M	4	4
	D 1	1	1											D	2	2

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PUBLIC)DOCTORATE)2500-9999)

SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT		DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	******* FULL TIME	***PART RA-S	TIME** TA-S	OTHR	STAFF TOT FTE	*** DOCTORATES ***	COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM IN DEPT OF	A	0	0	0	6	4	1	0	9	FACULTY	7	0	GRAD	9	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	85	B	8	11
	M	1	1	1	NO. JOINT APPTS				1						M	2	3
	D	1	1	1											D	1	0
CPR PROGRAM IN DEPT OF	A	1	1	1	3	0	1	15	8	FACULTY	0	0	GRAD	0	A	6	12
	B	1	1	1						OTHER	0	0	UNDGR	220	B	5	10
	M	0	0	0	NO. JOINT APPTS				2						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM IN DEPT OF	A	0	0	0	83	26	56	55	128	FACULTY	29	41	GRAD	328	A	0	0
	B	13	16	19						OTHER	1	0	UNDGR	1323	B	128	231
	M	7	9	12	NO. JOINT APPTS				45						M	71	105
	D	3	3	4											D	0	4
CTE PROGRAM IN DEPT OF	A	2	2	2	15	0	0	15	18	FACULTY	0	0	GRAD	0	A	97	100
	B	1	1	1						OTHER	0	2	UNDGR	409	B	5	15
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
DPR PROGRAM IN DEPT OF	A	1	2	2	5	0	1	7	7	FACULTY	0	2	GRAD	13	A	2	9
	B	1	2	3						OTHER	0	1	UNDGR	145	B	30	46
	M	1	1	1	NO. JOINT APPTS				6						M	4	7
	D	0	1	1											D	0	1
ISC PROGRAM IN DEPT OF	A	0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS				0						M	0	0
	D	1	1	1											D	0	0
ISY PROGRAM IN DEPT OF	A	0	0	1	4	0	2	0	5	FACULTY	0	2	GRAD	7	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	90	B	21	20
	M	2	2	2	NO. JOINT APPTS				0						M	3	6
	D	1	2	2											D	0	0
SAN PROGRAM IN DEPT OF	A	0	0	0	2	0	0	0	2	FACULTY	0	0	GRAD	0	A	0	0
	B	1	1	1						OTHER	0	0	UNDGR	15	B	0	5
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
SEN PROGRAM IN DEPT OF	A	0	0	0	0	1	1	0	1	FACULTY	0	0	GRAD	30	A	0	0
	B	0	0	0						OTHER	0	2	UNDGR	200	B	35	35
	M	1	1	1	NO. JOINT APPTS				0						M	4	4
	D	1	1	1											D	2	2

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC DOCTORATE) 10,000-19,999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A	0	0	0	2	0	0	7	4	FACULTY	9	0	GRAD	19	A	0	0
IN DEPT OF ICS	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	0	0	0	NO. JOINT APPTS				7						M	0	0
	D	1	1	1											D	0	0
CSC PROGRAM	A	0	0	0	4	1	8	1	10	FACULTY	1	3	GRAD	19	A	0	0
IN DEPT OF CIS	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS				2						M	3	6
	D	0	0	0											D	0	0
CSC PROGRAM	A	0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	8	A	0	0
IN DEPT OF COM	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS				0						M	2	3
	D	0	0	0											D	0	0
CSC PROGRAM	A	0	0	0	78	50	108	88	103	FACULTY	38	67	GRAD	524	A	0	0
IN DEPT OF CSC	B	11	13	14						OTHER	2	0	UNDGR	1262	B	131	211
	M	10	11	14	NO. JOINT APPTS				79						M	66	166
	D	5	6	8											D	9	12
CSC PROGRAM	A	0	0	0	20	31	18	6	33	FACULTY	8	7	GRAD	120	A	0	0
IN DEPT OF EEN	B	2	4	4						OTHER	2	3	UNDGR	90	B	14	30
	M	3	4	4	NO. JOINT APPTS				2						M	29	32
	D	2	3	3											D	5	9
CSC PROGRAM	A	0	0	0	7	7	1	2	8	FACULTY	0	10	GRAD	22	A	0	0
IN DEPT OF ENG	B	1	1	1						OTHER	0	0	UNDGR	36	B	12	18
	M	1	1	1	NO. JOINT APPTS				2						M	0	5
	D	1	1	1											D	3	3
CSC PROGRAM	A	0	0	0	21	3	10	5	30	FACULTY	3	13	GRAD	101	A	0	0
IN DEPT OF IEN	B	1	1	1						OTHER	0	0	UNDGR	45	B	15	15
	M	2	2	2	NO. JOINT APPTS				5						M	64	72
	D	0	1	1											D	1	3
CSC PROGRAM	A	0	0	0	11	0	6	9	18	FACULTY	1	12	GRAD	10	A	0	0
IN DEPT OF MAT	B	1	2	2						OTHER	0	0	UNDGR	12	B	3	11
	M	1	1	2	NO. JOINT APPTS				6						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM	A	0	0	0	2	0	0	1	3	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF NSC	B	2	2	2						OTHER	0	0	UNDGR	164	B	8	25
	M	0	1	1	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM	A	0	0	0	5	1	5	1	9	FACULTY	3	2	GRAD	28	A	0	0
IN DEPT OF NEC	B	1	1	1						OTHER	0	0	UNDGR	75	B	10	11
	M	1	1	1	NO. JOINT APPTS				1						M	7	11
	D	0	0	1											D	0	0
CSC PROGRAM	A	1	1	1	14	0	11	6	21	FACULTY	6	9	GRAD	55	A	0	0
IN DEPT OF SCS	B	2	2	2						OTHER	0	1	UNDGR	121	B	8	12
	M	2	2	2	NO. JOINT APPTS				11						M	7	18
	D	1	1	1											D	3	2
CTE PROGRAM	A	0	0	0	6	2	5	0	11	FACULTY	3	3	GRAD	10	A	0	0
IN DEPT OF EEN	B	1	1	1						OTHER	0	0	UNDGR	60	B	3	10
	M	0	1	1	NO. JOINT APPTS				0						M	0	2
	D	0	0	0											D	0	0
DPR PROGRAM	A	0	0	0	2	0	6	0	4	FACULTY	0	1	GRAD	0	A	0	0
IN DEPT OF BAD	B	0	1	1						OTHER	0	0	UNDGR	0	B	0	0
	M	0	0	0	NO. JOINT APPTS				1						M	0	0
	D	0	0	0											D	0	0
DPR PROGRAM	A	0	0	0	2	0	1	1	3	FACULTY	0	1	GRAD	5	A	0	0
IN DEPT OF NEC	B	1	1	1						OTHER	0	0	UNDGR	15	B	6	8
	M	1	1	1	NO. JOINT APPTS				1						M	1	2
	D	0	0	0											D	0	0
ISC PROGRAM	A	0	0	0	6	6	0	0	9	FACULTY	4	2	GRAD	35	A	0	0
IN DEPT OF ICS	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS				6						M	8	16
	D	0	0	0											D	0	0
ISY PROGRAM	A	0	0	0	3	2	2	0	5	FACULTY	2	1	GRAD	0	A	0	0
IN DEPT OF BAD	B	1	1	1						OTHER	0	0	UNDGR	15	B	0	7
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
ISY PROGRAM	A	1	1	1	20	1	0	0	20	FACULTY	0	4	GRAD	23	A	10	25
IN DEPT OF ISY	B	0	0	0						OTHER	0	0	UNDGR	60	B	0	0
	M	1	1	1	NO. JOINT APPTS				1						M	0	2
	D	0	0	0											D	0	0
ISY PROGRAM	A	0	0	0	1	0	7	5	6	FACULTY	0	4	GRAD	0	A	0	0
IN DEPT OF NEC	B	1	1	1						OTHER	0	0	UNDGR	40	B	4	10
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0

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SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC DOCTORATE)(10,000-19,999) CONTINUED

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME BA-S	PART TIME YA-S	PART TIME OTHR	STAFF TOT FTE	FACULTY OTHER	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
SAN PROGRAM IN DEPT OF BAD	A 0	0	0		25	0	0	5	27	FACULTY	0	10	GRAD	50	A 0	0
	B 0	0	0							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1		NO. JOINT APPTS				0						M 1	7
	D 0	0	0												D 0	0
SEN PROGRAM IN DEPT OF ENG	A 0	0	0		0	0	0	15	2	FACULTY	0	10	GRAD	5	A 0	0
	B 0	0	0							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1		NO. JOINT APPTS				15						M 2	2
	D 0	0	0												D 0	0
SEN PROGRAM IN DEPT OF SEN	A 0	0	0		7	0	0	1	8	FACULTY	1	3	GRAD	98	A 0	0
	B 1	1	1							OTHER	0	0	UNDGR	55	B 25	20
	M 1	1	1		NO. JOINT APPTS				0						M 19	24
	D 0	0	0												D 0	0
SYS PROGRAM IN DEPT OF SYS	A 0	0	0		0	0	0	0	0	FACULTY	0	0	GRAD	0	A 0	0
	B 0	0	0							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	1												D 0	0

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SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC DOCTORATE)(10,000-19,999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME BA-S	PART TIME YA-S	PART TIME OTHR	STAFF TOT FTE	FACULTY OTHER	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF	A 0	0	0		2	0	0	7	4	FACULTY	9	6	GRAD	19	A 0	0
	B 0	0	0							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0		NO. JOINT APPTS				7						M 0	0
	D 1	1	1												D 0	0
CSC PROGRAM IN DEPT OF	A 1	1	1		102	93	147	115	315	FACULTY	62	124	GRAD	687	A 0	0
	B 21	26	27							OTHER	4	4	UNDGR	1805	B 201	333
	M 22	25	26		NO. JOINT APPTS				108						M 178	313
	D 9	12	15												D 21	29
CTE PROGRAM IN DEPT OF	A 0	0	0		4	2	0	0	11	FACULTY	3	3	GRAD	10	A 0	0
	B 1	1	1							OTHER	0	0	UNDGR	60	B 3	10
	M 0	1	1		NO. JOINT APPTS				0						M 0	2
	D 0	0	0												D 0	0
OPR PROGRAM IN DEPT OF	A 0	0	0		4	0	7	1	7	FACULTY	0	4	GRAD	5	A 0	0
	B 1	2	2							OTHER	0	0	UNDGR	15	B 4	8
	M 1	1	1		NO. JOINT APPTS				2						M 1	2
	D 0	0	0												D 0	0
ISC PROGRAM IN DEPT OF	A 0	0	0		4	4	0	0	6	FACULTY	0	2	GRAD	35	A 0	0
	B 0	0	0							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1		NO. JOINT APPTS				6						M 8	16
	D 0	0	0												D 0	0
ISY PROGRAM IN DEPT OF	A 1	1	1		24	3	9	5	31	FACULTY	2	5	GRAD	23	A 10	25
	B 2	2	2							OTHER	0	0	UNDGR	135	B 4	17
	M 1	1	1		NO. JOINT APPTS				1						M 0	2
	D 0	0	0												D 0	0
SAN PROGRAM IN DEPT OF	A 0	0	0		25	0	0	5	27	FACULTY	0	10	GRAD	50	A 0	0
	B 0	0	0							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1		NO. JOINT APPTS				0						M 1	7
	D 0	0	0												D 0	0
SEN PROGRAM IN DEPT OF	A 0	0	0		7	0	0	16	10	FACULTY	1	13	GRAD	73	A 0	0
	B 1	1	1							OTHER	0	0	UNDGR	55	B 25	20
	M 2	2	2		NO. JOINT APPTS				15						M 21	24
	D 0	0	0												D 0	0
SYS PROGRAM IN DEPT OF	A 0	0	0		0	0	0	0	0	FACULTY	0	0	GRAD	0	A 0	0
	B 0	0	0							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	1												D 0	0

SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC)DOCTORATE)20,000 PLUS)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT		DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A	0	0	0	4	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF BAD	B	1	1	1						OTHER	0	0	UNDGR	0	B	0	0
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CPR PROGRAM	A	1	1	1	5	0	0	0	5	FACULTY	0	0	GRAD	0	A	41	45
IN DEPT OF OPR	B	0	0	0						OTHER	0	0	UNDGR	135	B	0	0
	M	0	0	0	NO. JOINT APPTS				1						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM	A	0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	70	A	0	0
IN DEPT OF CCS	B	1	1	1						OTHER	0	0	UNDGR	60	B	20	30
	M	1	1	1	NO. JOINT APPTS				0						M	6	5
	D	1	1	1											D	4	3
CSC PROGRAM	A	0	0	0	15	28	35	0	35	FACULTY	6	9	GRAD	114	A	0	0
IN DEPT OF CIS	B	1	1	1						OTHER	0	0	UNDGR	300	B	71	84
	M	1	1	1	NO. JOINT APPTS				8						M	35	44
	D	1	1	1											D	0	0
CSC PROGRAM	A	0	0	0	42	0	0	68	24	FACULTY	1	3	GRAD	35	A	0	0
IN DEPT OF COM	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	0	1	1	NO. JOINT APPTS				3						M	0	15
	D	0	0	0											D	0	0
CSC PROGRAM	A	0	0	0	148	185	192	98	380	FACULTY	60	124	GRAD	1470	A	0	0
IN DEPT OF CSC	B	6	6	7						OTHER	9	11	UNDGR	1026	B	227	320
	M	13	14	15	NO. JOINT APPTS				86						M	202	288
	D	11	11	11											D	35	55
CSC PROGRAM	A	0	0	0	27	42	9	17	56	FACULTY	4	21	GRAD	126	A	0	0
IN DEPT OF ECS	B	1	1	1						OTHER	0	0	UNDGR	200	B	51	51
	M	1	1	1	NO. JOINT APPTS				3						M	32	32
	D	1	1	1											D	13	13
CSC PROGRAM	A	0	0	0	5	0	3	0	6	FACULTY	1	2	GRAD	150	A	0	0
IN DEPT OF EEN	B	1	1	1						OTHER	0	0	UNDGR	0	B	0	0
	M	2	2	2	NO. JOINT APPTS				0						M	15	15
	D	2	2	2											D	3	5
CSC PROGRAM	A	0	0	0	0	0	6	3	4	FACULTY	0	3	GRAD	30	A	0	0
IN DEPT OF IEN	B	1	1	1						OTHER	0	0	UNDGR	30	B	5	5
	M	1	1	1	NO. JOINT APPTS				0						M	5	5
	D	1	1	1											D	1	1
CSC PROGRAM	A	0	0	0	11	1	2	20	23	FACULTY	8	4	GRAD	10	A	0	0
IN DEPT OF MAT	B	1	2	2						OTHER	0	0	UNDGR	11	B	6	8
	M	2	2	2	NO. JOINT APPTS				4						M	23	22
	D	2	2	2											D	1	4
CTE PROGRAM	A	0	0	0	5	0	0	0	5	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF EET	B	1	1	1						OTHER	0	0	UNDGR	400	B	38	50
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
OPR PROGRAM	A	3	3	3	0	0	0	6	0	FACULTY	0	0	GRAD	0	A	14	25
IN DEPT OF NEC	B	0	0	0						OTHER	0	0	UNDGR	124	B	0	0
	M	0	0	0	NO. JOINT APPTS				9						M	0	0
	D	0	0	0											D	0	0
OPR PROGRAM	A	0	0	0	0	2	0	3	3	FACULTY	1	2	GRAD	1	A	0	0
IN DEPT OF PSC	B	1	1	1						OTHER	0	1	UNDGR	0	B	1	0
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	1	1	0											D	0	1
ICS PROGRAM	A	0	0	0	13	0	17	2	19	FACULTY	5	8	GRAD	30	A	0	0
IN DEPT OF ICS	B	0	1	1						OTHER	0	0	UNDGR	0	B	0	10
	M	0	1	1	NO. JOINT APPTS				3						M	2	3
	D	0	1	1											D	1	2
ISC PROGRAM	A	0	0	0	2	2	1	0	3	FACULTY	0	2	GRAD	3	A	0	0
IN DEPT OF BAD	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	0	1	1	NO. JOINT APPTS				0						M	0	4
	D	1	1	1											D	3	5
ISC PROGRAM	A	0	0	0	7	2	6	0	11	FACULTY	0	3	GRAD	4	A	0	0
IN DEPT OF NEC	B	1	1	1						OTHER	0	4	UNDGR	150	B	20	30
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	1	1	1											D	2	2
ISY PROGRAM	A	0	0	0	20	4	77	10	37	FACULTY	0	8	GRAD	84	A	0	0
IN DEPT OF BAD	B	1	1	2						OTHER	0	2	UNDGR	306	B	54	47
	M	2	2	2	NO. JOINT APPTS				0						M	7	12
	D	1	1	1											D	1	4
ISY PROGRAM	A	0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF BUS	B	0	0	0						OTHER	0	0	UNDGR	0	B	0	0
	M	0	1	1	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0

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SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC)DOCTORATE)20,000 PLUS) CONTINUED

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
SAN PROGRAM IN DEPT OF MEC	A 0	0	0	3	13	0	24	22 FACULTY	2	20	GRAD	40	A 0	0
	B 0	0	0					OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS				24					M 3	13
	D 0	1	1										D 0	0
SEN PROGRAM IN DEPT OF EEN	A 0	0	0	6	0	5	12	2 FACULTY	0	5	GRAD	82	A 0	0
	B 2	2	3					OTHER	0	0	UNDGR	119	B 30	33
	M 3	3	3	NO. JOINT APPTS				0					M 17	11
	D 3	3	3										D 4	5
SEN PROGRAM IN DEPT OF ENG	A 0	0	0	12	12	1	0	26 FACULTY	0	8	GRAD	77	A 0	0
	B 0	0	0					OTHER	0	0	UNDGR	0	B 0	0
	M 2	2	2	NO. JOINT APPTS				0					M 28	31
	D 2	2	2										D 4	3
SEN PROGRAM IN DEPT OF IEN	A 0	0	0	9	3	3	4	14 FACULTY	0	4	GRAD	102	A 0	0
	B 1	1	1					OTHER	0	0	UNDGR	119	B 19	30
	M 1	1	1	NO. JOINT APPTS				0					M 14	25
	D 1	1	1										D 0	4

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SUMMARY BY DEGREE PROGRAMS

GROUP (PUBLIC)DOCTORATE)20,000 PLUS)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF	A 1	1	1	9	0	0	0	5 FACULTY	0	4	GRAD	0	A 41	45
	B 1	1	1					OTHER	0	4	UNDGR	135	B 0	0
	M 0	0	0	NO. JOINT APPTS				1					M 0	0
	D 0	0	0										D 0	0
CSC PROGRAM IN DEPT OF	A 0	0	0	248	256	237	206	568 FACULTY	62	160	GRAD	2005	A 0	0
	B 12	13	14					OTHER	2	11	UNDGR	1627	B 380	498
	M 21	23	24	NO. JOINT APPTS				184					M 318	426
	D 19	19	19										D 57	81
CTE PROGRAM IN DEPT OF	A 0	0	0	5	0	0	0	5 FACULTY	0	0	GRAD	0	A 0	0
	B 1	1	1					OTHER	0	0	UNDGR	400	B 38	50
	M 0	0	0	NO. JOINT APPTS				0					M 0	0
	D 0	0	0										D 0	0
OPR PROGRAM IN DEPT OF	A 3	3	3	0	2	0	9	3 FACULTY	1	2	GRAD	1	A 14	25
	B 1	1	1					OTHER	0	1	UNDGR	124	B 1	0
	M 0	0	0	NO. JOINT APPTS				9					M 0	0
	D 1	1	0										D 0	1
ICS PROGRAM IN DEPT OF	A 0	0	0	13	0	12	2	15 FACULTY	5	0	GRAD	30	A 0	0
	B 0	0	1					OTHER	0	0	UNDGR	0	B 0	10
	M 0	1	1	NO. JOINT APPTS				3					M 2	3
	D 0	1	1										D 1	2
ISC PROGRAM IN DEPT OF	A 0	0	0	9	4	7	0	14 FACULTY	0	5	GRAD	7	A 0	0
	B 1	1	1					OTHER	0	4	UNDGR	150	B 20	30
	M 0	1	1	NO. JOINT APPTS				0					M 0	4
	D 2	2	2										D 5	7
ISY PROGRAM IN DEPT OF	A 0	0	0	20	4	27	10	37 FACULTY	0	8	GRAD	84	A 0	0
	B 1	1	2					OTHER	0	4	UNDGR	306	B 54	47
	M 2	3	3	NO. JOINT APPTS				0					M 2	12
	D 1	1	1										D 1	6
SAN PROGRAM IN DEPT OF	A 0	0	0	3	13	0	24	22 FACULTY	2	20	GRAD	40	A 0	0
	B 0	0	0					OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS				24					M 3	13
	D 0	1	1										D 0	0
SEN PROGRAM IN DEPT OF	A 0	0	0	27	15	9	16	34 FACULTY	0	19	GRAD	281	A 0	0
	B 3	3	4					OTHER	0	0	UNDGR	236	B 49	60
	M 6	6	6	NO. JOINT APPTS				0					M 59	67
	D 6	6	6										D 8	12

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SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE,ASSOCIATE,ENROLL= 500)

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PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA=S	TA=S	OTHR	STAFF TOT FTE	FACULTY *** DOCTORATES CONF=SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF ENG	A 1	0	0		2	0	0	0	2	FACULTY 0	0	GRAD 0	A	0	0
	B 0	0	0							OTHER 0	0	UNDGR 50	B	0	0
	M 0	0	0	NO. JOINT APPTS					2				M	0	0
	D 0	0	0										D	0	0
DPR PROGRAM IN DEPT OF BAD	A 1	1	1		6	0	0	0	6	FACULTY 0	0	GRAD 0	A	48	0
	B 0	0	0							OTHER 0	0	UNDGR 75	B	0	0
	M 0	0	0	NO. JOINT APPTS					0				M	0	0
	D 0	0	0										D	0	0
DPR PROGRAM IN DEPT OF DPR	A 1	1	1		1	0	0	1	1	FACULTY 0	0	GRAD 0	A	10	14
	B 0	0	0							OTHER 0	0	UNDGR 40	B	0	0
	M 0	0	0	NO. JOINT APPTS					0				M	0	0
	D 0	0	0										D	0	0

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GROUP (PRIVATE,ASSOCIATE,ENROLL= 500)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA=S	TA=S	OTHR	STAFF TOT FTE	FACULTY *** DOCTORATES CONF=SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM IN DEPT OF	A 1	0	0		2	0	0	0	2	FACULTY 0	0	GRAD 0	A	0	0
	B 0	0	0							OTHER 0	0	UNDGR 50	B	0	0
	M 0	0	0	NO. JOINT APPTS					2				M	0	0
	D 0	0	0										D	0	0
DPR PROGRAM IN DEPT OF	A 2	2	2		7	0	0	1	7	FACULTY 0	0	GRAD 0	A	58	14
	B 0	0	0							OTHER 0	0	UNDGR 135	B	0	0
	M 0	0	0	NO. JOINT APPTS					0				M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE/ASSOCIATE/500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE	STAFF	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 1	1	1	2	0	0	0	2	FACULTY	0	0	GRAD 0	A	40	60
IN DEPT OF CSC	B 0	0	0						OTHER	0	0	UNDGR 110	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CPR PROGRAM	A 1	1	1	2	0	0	1	3	FACULTY	0	0	GRAD 0	A	15	35
IN DEPT OF OPR	B 0	0	0						OTHER	0	0	UNDGR 51	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 1	1	1	3	0	1	0	3	FACULTY	0	0	GRAD 0	A	27	22
IN DEPT OF CSC	B 0	0	0						OTHER	0	0	UNDGR 55	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 1	1	1	2	0	0	0	2	FACULTY	0	0	GRAD 0	A	5	8
IN DEPT OF COM	B 0	0	0						OTHER	0	0	UNDGR 23	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 1	1	1	5	0	1	0	5	FACULTY	0	0	GRAD 0	A	0	80
IN DEPT OF OPR	B 0	1	1						OTHER	0	0	UNDGR 315	B	0	31
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
ISY PROGRAM	A 0	1	1	2	0	0	0	0	FACULTY	0	0	GRAD 0	A	30	30
IN DEPT OF BAD	B 0	0	0						OTHER	0	0	UNDGR 50	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE/ASSOCIATE/500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE	STAFF	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 2	2	2	4	0	0	1	5	FACULTY	0	0	GRAD 0	A	55	95
IN DEPT OF	B 0	0	0						OTHER	0	0	UNDGR 101	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 1	1	1	3	0	1	0	3	FACULTY	0	0	GRAD 0	A	27	22
IN DEPT OF	B 0	0	0						OTHER	0	0	UNDGR 55	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
OPR PROGRAM	A 2	2	2	7	0	1	0	7	FACULTY	0	0	GRAD 0	A	5	88
IN DEPT OF	B 0	1	1						OTHER	0	0	UNDGR 338	B	0	31
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
ISY PROGRAM	A 0	1	1	2	0	0	0	0	FACULTY	0	0	GRAD 0	A	30	30
IN DEPT OF	B 0	0	0						OTHER	0	0	UNDGR 50	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE/BACHELORS/BELOW 500)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE	STAFF	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 1	1	1	4	0	1	0	4	FACULTY	0	0	GRAD 0	A	12	19
IN DEPT OF CPR	B 0	0	0						OTHER	0	0	UNDGR 40	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CTE PROGRAM	A 0	1	1	1	0	1	0	1	FACULTY	0	0	GRAD 0	A	5	1
IN DEPT OF CTE	B 0	0	0						OTHER	0	0	UNDGR 10	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE/BACHELORS/BELOW 500)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72	FULL TIME	PART TIME RA-S	PART TIME TA-S	PART TIME OTHR	STAFF TOT FTE	STAFF	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 1	1	1	4	0	1	0	4	FACULTY	0	0	GRAD 0	A	12	19
IN DEPT OF	B 0	0	0						OTHER	0	0	UNDGR 40	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CTE PROGRAM	A 0	1	1	1	0	1	0	1	FACULTY	0	0	GRAD 0	A	5	1
IN DEPT OF	B 0	0	0						OTHER	0	0	UNDGR 10	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS —

GROUP (PRIVATE/BACHELORS/1500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 1	1	1		3	0	0	0	3 FACULTY	0	0	GRAD	0	A 30	50
IN DEPT OF DPR	B 1	1	1						OTHER	0	0	UNDGR	140	B 1	10
	M 0	0	0	NO. JOINT APPTS					0					M 0	0
	D 0	0	0											D 0	0
CPR PROGRAM	A 0	0	0		1	0	0	0	1 FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF MAT	B 1	1	1						OTHER	0	0	UNDGR	1	B 1	1
	M 0	0	0	NO. JOINT APPTS					1					M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM	A 1	2	2		9	1	3	1	9 FACULTY	1	1	GRAD	0	A 17	25
IN DEPT OF CSC	B 2	4	5						OTHER	4	5	UNDGR	192	B 24	37
	M 0	0	0	NO. JOINT APPTS					8					M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM	A 0	0	0		8	0	2	0	9 FACULTY	0	2	GRAD	0	A 0	0
IN DEPT OF MAT	B 5	5	6						OTHER	0	0	UNDGR	64	B 1	9
	M 0	0	0	NO. JOINT APPTS					6					M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM	A 1	1	1		1	0	8	16	4 FACULTY	1	9	GRAD	0	A 0	0
IN DEPT OF MSC	B 1	1	2						OTHER	0	1	UNDGR	36	B 2	4
	M 0	0	0	NO. JOINT APPTS					12					M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM	A 1	1	1		3	0	0	2	3 FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF BAD	B 2	2	2						OTHER	0	0	UNDGR	35	B 7	9
	M 0	0	0	NO. JOINT APPTS					0					M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM	A 1	1	1		5	0	0	4	7 FACULTY	0	0	GRAD	0	A 0	10
IN DEPT OF DPR	B 1	1	1						OTHER	0	0	UNDGR	135	B 30	40
	M 0	0	0	NO. JOINT APPTS					1					M 0	0
	D 0	0	0											D 0	0
NEC PROGRAM	A 0	0	0		2	0	0	0	0 FACULTY	1	0	GRAD	0	A 0	0
IN DEPT OF MSC	B 1	0	0						OTHER	0	0	UNDGR	50	B 4	5
	M 0	0	0	NO. JOINT APPTS					0					M 0	0
	D 0	0	0											D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE/BACHELORS/2500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE	DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CPR PROGRAM	A 1	1	1		4	0	0	0	4 FACULTY	0	0	GRAD	0	A 30	50
IN DEPT OF	B 2	2	2						OTHER	0	0	UNDGR	141	B 2	11
	M 0	0	0	NO. JOINT APPTS					1					M 0	0
	D 0	0	0											D 0	0
CSC PROGRAM	A 2	3	3		18	1	13	17	22 FACULTY	2	14	GRAD	0	A 17	25
IN DEPT OF	B 8	10	13						OTHER	4	0	UNDGR	292	B 27	50
	M 0	0	0	NO. JOINT APPTS					26					M 0	0
	D 0	0	0											D 0	0
DPR PROGRAM	A 2	2	2		7	0	0	6	10 FACULTY	0	0	GRAD	0	A 0	10
IN DEPT OF	B 3	3	3						OTHER	0	0	UNDGR	170	B 37	49
	M 0	0	0	NO. JOINT APPTS					1					M 0	0
	D 0	0	0											D 0	0
NEC PROGRAM	A 0	0	0		2	0	0	0	0 FACULTY	1	0	GRAD	0	A 0	0
IN DEPT OF	B 1	0	0						OTHER	0	0	UNDGR	50	B 4	5
	M 0	0	0	NO. JOINT APPTS					0					M 0	0
	D 0	0	0											D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE)BACHELORS)2500-9999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA'S	TA'S	OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A	1	1	1	0	0	0	8	1	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF CSC	B	1	1	1						OTHER	0	0	UNDGR	14	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
CSC PROGRAM	A	0	0	0	7	0	0	6	10	FACULTY	0	5	GRAD	0	A 0	0
IN DEPT OF CTE	B	1	1	1						OTHER	0	0	UNDGR	200	B 10	15
	M	0	0	0	NO. JOINT APPTS				7						M 0	0
	D	0	0	0											D 0	0
CTE PROGRAM	A	1	1	1	22	0	0	0	22	FACULTY	0	1	GRAD	0	A 0	0
IN DEPT OF CSC	B	1	1	1						OTHER	0	1	UNDGR	350	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
CTE PROGRAM	A	1	1	1	0	0	0	0	0	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF CTE	B	0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
ISC PROGRAM	A	0	0	0	4	2	3	0	7	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF ISC	B	1	1	1						OTHER	0	0	UNDGR	135	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE)BACHELORS)2500-9999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA'S	TA'S	OTHR	STAFF TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A	1	1	1	7	0	0	10	11	FACULTY	0	5	GRAD	0	A 0	0
IN DEPT OF	B	2	2	2						OTHER	0	0	UNDGR	214	B 10	15
	M	0	0	0	NO. JOINT APPTS				7						M 0	0
	D	0	0	0											D 0	0
CTE PROGRAM	A	2	2	2	22	0	0	0	22	FACULTY	0	1	GRAD	0	A 0	0
IN DEPT OF	B	1	1	1						OTHER	0	1	UNDGR	350	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
ISC PROGRAM	A	0	0	0	4	2	3	0	7	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF	B	1	1	1						OTHER	0	0	UNDGR	135	B 0	0
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
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WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE,MASTERS 2500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70 70-71 71-72				FULL TIME	PART TIME HA-S	PART TIME TA-S	PART TIME OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	DEGREES AWARDED 70-71
CPR PROGRAM	A	0	0	0	0	0	3	0	1	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF MAT	B	1	1	1						OTHER	0	0	UNDGR	29	B	5	4
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM	A	0	0	0	4	0	0	5	6	FACULTY	1	0	GRAD	0	A	0	0
IN DEPT OF CSC	B	0	0	1						OTHER	0	0	UNDGR	20	B	0	0
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM	A	0	0	0	2	0	2	12	7	FACULTY	2	3	GRAD	0	A	0	0
IN DEPT OF NSC	B	1	1	1						OTHER	0	0	UNDGR	98	B	23	28
	M	0	0	1	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
ICS PROGRAM	A	0	0	0	5	0	20	0	0	FACULTY	0	1	GRAD	180	A	0	0
IN DEPT OF ICS	B	0	0	0						OTHER	0	4	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS				5						M	0	0
	D	0	0	0											D	0	0
ISC PROGRAM	A	0	0	0	2	0	0	2	3	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF MEC	B	1	1	1						OTHER	0	0	UNDGR	45	B	7	20
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE,MASTERS 2500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70 70-71 71-72				FULL TIME	PART TIME HA-S	PART TIME TA-S	PART TIME OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	DEGREES AWARDED 70-71
CPR PROGRAM	A	0	0	0	0	0	3	0	1	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF	B	1	1	1						OTHER	0	0	UNDGR	29	B	5	4
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
CSC PROGRAM	A	0	0	0	4	0	2	17	13	FACULTY	3	3	GRAD	0	A	0	0
IN DEPT OF	B	1	1	2						OTHER	0	0	UNDGR	118	B	23	28
	M	0	0	1	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0
ICS PROGRAM	A	0	0	0	5	0	20	0	0	FACULTY	0	1	GRAD	180	A	0	0
IN DEPT OF	B	0	0	0						OTHER	0	4	UNDGR	0	B	0	0
	M	1	1	1	NO. JOINT APPTS				5						M	0	0
	D	0	0	0											D	0	0
ISC PROGRAM	A	0	0	0	2	0	0	2	3	FACULTY	0	0	GRAD	0	A	0	0
IN DEPT OF	B	1	1	1						OTHER	0	0	UNDGR	45	B	7	20
	M	0	0	0	NO. JOINT APPTS				0						M	0	0
	D	0	0	0											D	0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE)MASTERS 32500-9999)

SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 0	0	0		0	0	0	0	0	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF COM	B 0	0	1							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	1		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
CSC PROGRAM	A 0	0	1		10	3	10	5	17	FACULTY	0	4	GRAD	21	A 0	0
IN DEPT OF CSC	B 1	1	3							OTHER	0	0	UNDGR	60	B 8	10
	M 1	1	1		NO. JOINT APPTS				5						M 6	7
	D 0	0	0												D 0	0
CSC PROGRAM	A 0	0	0		4	0	3	0	0	FACULTY	0	4	GRAD	0	A 0	0
IN DEPT OF EEN	B 0	0	1							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	1		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
CTE PROGRAM	A 1	1	1		1	0	0	9	8	FACULTY	0	0	GRAD	0	A 2	3
IN DEPT OF CTE	B 1	1	1							OTHER	0	0	UNDGR	25	B 4	4
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
CTE PROGRAM	A 1	1	1		3	0	0	0	3	FACULTY	0	0	GRAD	0	A 16	19
IN DEPT OF EEN	B 0	0	0							OTHER	0	0	UNDGR	93	B 0	0
	M 0	0	0		NO. JOINT APPTS				3						M 0	0
	D 0	0	0												D 0	0
OPR PROGRAM	A 1	1	1		2	2	1	10	9	FACULTY	0	0	GRAD	0	A 6	8
IN DEPT OF BAD	B 1	1	1							OTHER	0	0	UNDGR	135	B 42	50
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
OPR PROGRAM	A 1	1	1		2	0	0	3	3	FACULTY	0	0	GRAD	0	A 4	10
IN DEPT OF ICS	B 0	1	1							OTHER	0	0	UNDGR	20	B 0	2
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
ISY PROGRAM	A 1	1	1		4	1	0	2	5	FACULTY	0	12	GRAD	74	A 0	0
IN DEPT OF MEC	B 0	1	1							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0		NO. JOINT APPTS				0						M 16	20
	D 0	0	0												D 0	0
SAN PROGRAM	A 1	1	1		0	0	0	4	1	FACULTY	0	1	GRAD	0	A 0	0
IN DEPT OF MEC	B 1	1	1							OTHER	0	0	UNDGR	4	B 0	4
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

GROUP (PRIVATE)MASTERS 32500-9999)

SUMMARY BY DEGREE PROGRAMS

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 0	0	1		14	3	13	13	17	FACULTY	0	10	GRAD	21	A 0	0
IN DEPT OF	B 1	1	5							OTHER	0	0	UNDGR	60	B 8	10
	M 1	1	3		NO. JOINT APPTS				5						M 6	7
	D 0	0	0												D 0	0
CTE PROGRAM	A 2	2	2		4	0	0	9	9	FACULTY	0	0	GRAD	0	A 18	22
IN DEPT OF	B 1	1	1							OTHER	0	0	UNDGR	116	B 4	4
	M 0	0	0		NO. JOINT APPTS				3						M 0	0
	D 0	0	0												D 0	0
OPR PROGRAM	A 2	2	2		6	2	1	13	12	FACULTY	0	0	GRAD	0	A 18	18
IN DEPT OF	B 1	2	2							OTHER	0	0	UNDGR	155	B 42	52
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0
ISY PROGRAM	A 1	1	1		4	1	0	2	5	FACULTY	0	14	GRAD	74	A 0	0
IN DEPT OF	B 0	1	1							OTHER	0	0	UNDGR	0	B 0	0
	M 0	0	0		NO. JOINT APPTS				0						M 16	20
	D 0	0	0												D 0	0
SAN PROGRAM	A 1	1	1		0	0	0	4	1	FACULTY	0	1	GRAD	0	A 0	0
IN DEPT OF	B 1	1	1							OTHER	0	0	UNDGR	4	B 0	4
	M 0	0	0		NO. JOINT APPTS				0						M 0	0
	D 0	0	0												D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE/DOCTORATE/500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 0	0	0		5	0	5	0	7	FACULTY	0	3	GRAD	150	A 0	0
IN DEPT OF CSC	B 0	1	2							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					1						M 0	2
	D 0	0	0												D 0	0
CTE PROGRAM	A 0	0	0		1	0	1	0	1	FACULTY	0	1	GRAD	0	A 0	0
IN DEPT OF EEN	B 1	1	1							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
ISC PROGRAM	A 0	0	0		6	2	4	2	9	FACULTY	0	6	GRAD	20	A 0	0
IN DEPT OF ENG	B 0	0	0							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					2						M 3	3
	D 1	1	1												D 2	1

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE/DOCTORATE/500-2499)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	TA-S	OTHR	S T A F F TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A 0	0	0		5	0	5	0	7	FACULTY	0	3	GRAD	150	A 0	0
IN DEPT OF	B 0	1	2							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					1						M 0	2
	D 0	0	0												D 0	0
CTE PROGRAM	A 0	0	0		1	0	1	0	1	FACULTY	0	1	GRAD	0	A 0	0
IN DEPT OF	B 1	1	1							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					0						M 0	0
	D 0	0	0												D 0	0
ISC PROGRAM	A 0	0	0		6	2	4	2	9	FACULTY	0	6	GRAD	20	A 0	0
IN DEPT OF	B 0	0	0							OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	NO. JOINT APPTS					2						M 3	3
	D 1	1	1												D 2	1

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE)DOCTORATE)2500-9999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		STAFF FULL TIME	PART TIME RA-S	TA-S	OTHR	TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM IN DEPT OF COM	A 0	0	0	0	2	10	10	8	16	FACULTY	0	2	GRAD	100	A 0	0
	B 0	0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	1	NO. JOINT APPTS				0						M 20	33
	D 1	1	1	1											D 1	1
CSC PROGRAM IN DEPT OF CSC	A 0	0	0	0	27	37	17	29	83	FACULTY	9	26	GRAD	135	A 0	0
	B 1	1	1	2						OTHER	2	7	UNDGR	20	B 0	0
	M 2	2	2	4	NO. JOINT APPTS				0						M 17	25
	D 3	3	3	4											D 1	5
CSC PROGRAM IN DEPT OF EEN	A 0	0	0	0	47	36	29	16	84	FACULTY	32	6	GRAD	133	A 0	0
	B 4	4	4	4						OTHER	3	2	UNDGR	250	B 23	25
	M 4	4	4	4	NO. JOINT APPTS				0						M 48	45
	D 3	3	3	3											D 22	20
CSC PROGRAM IN DEPT OF MAT	A 0	0	0	0	1	0	0	3	2	FACULTY	0	1	GRAD	0	A 0	0
	B 1	1	1	1						OTHER	0	0	UNDGR	10	B 3	6
	M 0	0	0	0	NO. JOINT APPTS				1						M 0	0
	D 0	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF MSC	A 0	0	0	0	2	0	4	10	8	FACULTY	0	5	GRAD	0	A 0	0
	B 1	2	2	2						OTHER	0	0	UNDGR	55	B 0	0
	M 0	0	0	0	NO. JOINT APPTS				1						M 0	0
	D 0	0	0	0											D 0	0
CSC PROGRAM IN DEPT OF NEC	A 0	0	0	0	12	4	4	0	16	FACULTY	5	7	GRAD	0	A 0	0
	B 1	1	1	1						OTHER	0	0	UNDGR	0	B 15	15
	M 1	1	1	1	NO. JOINT APPTS				1						M 8	10
	D 1	1	1	1											D 3	5
CSC PROGRAM IN DEPT OF SIS	A 0	0	0	0	5	0	3	0	7	FACULTY	4	0	GRAD	0	A 0	0
	B 1	1	1	1						OTHER	0	0	UNDGR	83	B 4	10
	M 0	1	1	1	NO. JOINT APPTS				5						M 0	0
	D 0	1	1	1											D 0	0
OPR PROGRAM IN DEPT OF BAD	A 0	0	0	0	4	0	2	0	5	FACULTY	0	0	GRAD	25	A 0	0
	B 1	1	1	1						OTHER	0	0	UNDGR	15	B 10	10
	M 1	1	1	1	NO. JOINT APPTS				3						M 0	0
	D 0	0	0	0											D 0	0
ICS PROGRAM IN DEPT OF ICS	A 0	0	0	0	10	35	10	0	32	FACULTY	0	10	GRAD	375	A 0	0
	B 1	1	1	1						OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	1	NO. JOINT APPTS				0						M 0	0
	D 1	1	1	1											D 12	12
ISC PROGRAM IN DEPT OF BAD	A 0	0	0	0	8	0	4	0	8	FACULTY	0	4	GRAD	20	A 0	0
	B 0	0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	1	NO. JOINT APPTS				4						M 5	5
	D 0	0	0	0											D 0	0
ISC PROGRAM IN DEPT OF ISC	A 0	0	0	0	16	13	16	12	37	FACULTY	3	12	GRAD	72	A 0	0
	B 0	0	0	0						OTHER	0	0	UNDGR	1	B 1	8
	M 2	2	2	2	NO. JOINT APPTS				0						M 3	10
	D 1	1	1	1											D 4	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE)DOCTORATE)2500-9999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		STAFF FULL TIME	PART TIME RA-S	TA-S	OTHR	TOT FTE		DOCTORATES COMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM IN DEPT OF	A 0	0	0	0	96	87	67	66	196	FACULTY	50	47	GRAD	368	A 0	0
	B 9	10	11							OTHER	5	9	UNDGR	418	B 45	56
	M 8	9	11	11	NO. JOINT APPTS				17						M 93	113
	D 8	9	10	10											D 27	31
OPR PROGRAM IN DEPT OF	A 0	0	0	0	4	0	2	0	5	FACULTY	0	0	GRAD	25	A 0	0
	B 1	1	1	1						OTHER	0	0	UNDGR	15	B 10	10
	M 1	1	1	1	NO. JOINT APPTS				3						M 0	0
	D 0	0	0	0											D 0	0
ICS PROGRAM IN DEPT OF	A 0	0	0	0	10	35	10	0	32	FACULTY	0	10	GRAD	375	A 0	0
	B 1	1	1	1						OTHER	0	0	UNDGR	0	B 0	0
	M 1	1	1	1	NO. JOINT APPTS				0						M 0	0
	D 1	1	1	1											D 12	12
ISC PROGRAM IN DEPT OF	A 0	0	0	0	22	13	20	12	45	FACULTY	3	10	GRAD	92	A 0	0
	B 0	0	0	0						OTHER	0	0	UNDGR	1	B 1	8
	M 3	3	3	3	NO. JOINT APPTS				4						M 8	15
	D 1	1	1	1											D 4	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE/DOCTORATE/10,000-19,999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE YEAR 69-70	LEVEL AND OFFERED 70-71	71-72	FULL TIME	PART TIME HA-S	TA-S	S T OTHR	A F TOT FTE	F	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF EEN	B 0	0	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A 0	0	0	10	2	73	5	22	FACULTY	11	2	GRAD 50	A	0	0
IN DEPT OF CIS	B 0	1	1						OTHER	14	2	UNDGR 90	B	11	25
	M 1	1	1	NO. JOINT APPTS				5					M	8	15
	D 1	1	1										D	8	11
CSC PROGRAM	A 0	0	0	28	45	5	3	47	FACULTY	3	24	GRAD 320	A	0	0
IN DEPT OF COM	B 1	1	1						OTHER	1	3	UNDGR 67	B	9	18
	M 2	2	2	NO. JOINT APPTS				21					M	73	82
	D 2	2	2										D	4	3
CSC PROGRAM	A 0	0	0	46	37	22	28	85	FACULTY	18	22	GRAD 182	A	0	0
IN DEPT OF CSC	B 1	1	2						OTHER	6	1	UNDGR 250	B	40	45
	M 3	3	3	NO. JOINT APPTS				20					M	42	44
	D 3	3	3										D	67	24
CSC PROGRAM	A 0	0	0	4	10	0	0	9	FACULTY	4	0	GRAD 14	A	0	0
IN DEPT OF EEN	B 0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0					M	0	8
	D 1	1	1										D	1	6
CSC PROGRAM	A 0	0	1	3	0	0	0	3	FACULTY	0	3	GRAD 0	A	0	0
IN DEPT OF MSC	B 0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CTE PROGRAM	A 0	0	0	4	1	0	0	5	FACULTY	0	4	GRAD 18	A	0	0
IN DEPT OF EEN	B 1	1	1						OTHER	0	0	UNDGR 32	B	8	7
	M 1	1	1	NO. JOINT APPTS				1					M	4	5
	D 1	1	1										D	2	2
ISC PROGRAM	A 0	0	0	2	8	4	7	11	FACULTY	0	9	GRAD 61	A	0	0
IN DEPT OF ISC	B 0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				7					M	15	28
	D 1	1	1										D	0	5
ISC PROGRAM	A 0	0	0	12	0	1	99	99	FACULTY	0	5	GRAD 0	A	0	0
IN DEPT OF MEC	B 0	0	0						OTHER	1	19	UNDGR 0	B	0	0
	M 0	1	1	NO. JOINT APPTS				1					M	0	0
	D 0	0	0										D	0	0
IST PROGRAM	A 0	0	0	3	3	0	0	5	FACULTY	1	2	GRAD 3	A	0	0
IN DEPT OF BAD	B 0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 1	1	1										D	0	0
SAN PROGRAM	A 0	0	0	8	1	3	0	9	FACULTY	0	7	GRAD 33	A	0	0
IN DEPT OF IEN	B 1	1	1						OTHER	0	0	UNDGR 101	B	13	22
	M 1	1	1	NO. JOINT APPTS				0					M	2	7
	D 0	0	0										D	0	0
SIS PROGRAM	A 0	0	0	7	10	12	0	18	FACULTY	2	4	GRAD 199	A	0	0
IN DEPT OF SIS	B 0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0					M	18	27
	D 1	1	1										D	4	6

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE/DOCTORATE/10,000-19,999)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE YEAR 69-70	LEVEL AND OFFERED 70-71	71-72	FULL TIME	PART TIME HA-S	TA-S	S T OTHR	A F TOT FTE	F	DOCTORATES COMP-SC	DOCTORATES OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CEN PROGRAM	A 0	0	0	0	0	0	0	0	FACULTY	0	0	GRAD 0	A	0	0
IN DEPT OF	B 0	0	1						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 0	0	0										D	0	0
CSC PROGRAM	A	0	1	85	94	90	36	146	FACULTY	36	51	GRAD 586	A	0	0
IN DEPT OF	B 2	3	4						OTHER	21	0	UNDGR 407	B	60	88
	M 7	7	7	NO. JOINT APPTS				98					M	123	149
	D 7	7	7										D	80	48
CTE PROGRAM	A 0	0	0	4	1	0	0	5	FACULTY	0	4	GRAD 18	A	0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR 32	B	8	7
	M 1	1	1	NO. JOINT APPTS				1					M	4	5
	D 1	1	1										D	2	2
ISC PROGRAM	A 0	0	0	14	8	5	106	110	FACULTY	0	14	GRAD 61	A	0	0
IN DEPT OF	B 0	0	0						OTHER	1	19	UNDGR 0	B	0	0
	M 1	2	2	NO. JOINT APPTS				8					M	15	28
	D 1	1	1										D	0	5
IST PROGRAM	A 0	0	0	3	3	0	0	5	FACULTY	1	4	GRAD 3	A	0	0
IN DEPT OF	B 0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M 0	0	0	NO. JOINT APPTS				0					M	0	0
	D 1	1	1										D	0	0
SAN PROGRAM	A 0	0	0	8	1	3	0	9	FACULTY	0	7	GRAD 33	A	0	0
IN DEPT OF	B 1	1	1						OTHER	0	0	UNDGR 101	B	13	22
	M 1	1	1	NO. JOINT APPTS				0					M	2	7
	D 0	0	0										D	0	0
SIS PROGRAM	A 0	0	0	7	10	12	0	18	FACULTY	2	4	GRAD 199	A	0	0
IN DEPT OF	B 0	0	0						OTHER	0	0	UNDGR 0	B	0	0
	M 1	1	1	NO. JOINT APPTS				0					M	18	27
	D 1	1	1										D	4	6

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE)DOCTORATE)20,000 PLUS)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE		DOCTORATES CMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A	1	1	1	11	5	13	4	20	FACULTY	8	0	GRAD	50	A 0	1
IN DEPT OF CSC	B	2	2	2						OTHER	1	1	UNDGR	250	B 29	37
	M	1	1	1	NO. JOINT APPTS				3						M 5	5
	D	1	1	1											D 1	3
CSC PROGRAM	A	0	0	0	5	6	4	2	11	FACULTY	1	3	GRAD	100	A 0	0
IN DEPT OF EEN	B	0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M	1	1	1	NO. JOINT APPTS				0						M 30	32
	D	1	1	1											D 1	5
CSC PROGRAM	A	0	0	0	3	3	2	8	4	FACULTY	0	4	GRAD	200	A 0	0
IN DEPT OF IEN	B	0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M	1	1	1	NO. JOINT APPTS				0						M 40	50
	D	1	1	1											D 0	1
CSC PROGRAM	A	0	0	0	0	0	0	0	0	FACULTY	2	0	GRAD	0	A 0	0
IN DEPT OF MAT	B	0	0	0						OTHER	0	0	UNDGR	0	B 0	0
	M	1	1	1	NO. JOINT APPTS				0						M 0	0
	D	1	1	1											D 0	0
DPR PROGRAM	A	0	0	0	0	0	16	18	0	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF CSC	B	1	1	1						OTHER	0	0	UNDGR	36	B 3	7
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
SEN PROGRAM	A	0	0	0	6	0	3	1	6	FACULTY	1	5	GRAD	12	A 0	0
IN DEPT OF SEN	B	1	1	1						OTHER	0	0	UNDGR	15	B 8	7
	M	1	1	1	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0

INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION FOR 1969-70
CONDUCTED BY THE COMPUTER SCIENCES PROJECT, SOUTHERN REGIONAL EDUCATION BOARD
WITH SUPPORT FROM THE NATIONAL SCIENCE FOUNDATION

SUMMARY BY DEGREE PROGRAMS

GROUP (PRIVATE)DOCTORATE)20,000 PLUS)

(AS OF JUNE 30, 1971)

PROGRAM NAME AND DEPARTMENT	DEGREE LEVEL AND YEAR OFFERED 69-70	70-71	71-72		FULL TIME	PART TIME RA-S	TA-S	OTHR	STAFF TOT FTE		DOCTORATES CMP-SC	OTHR	MAJORS ENROLLED 1969 - 1970		DEGREES AWARDED 69-70	70-71
CSC PROGRAM	A	1	1	1	19	14	19	14	35	FACULTY	11	7	GRAD	350	A 0	1
IN DEPT OF	B	2	2	2						OTHER	1	1	UNDGR	250	B 29	37
	M	4	4	4	NO. JOINT APPTS				3						M 75	87
	D	4	4	4											D 2	9
DPR PROGRAM	A	0	0	0	0	0	16	18	0	FACULTY	0	0	GRAD	0	A 0	0
IN DEPT OF	B	1	1	1						OTHER	0	0	UNDGR	36	B 3	7
	M	0	0	0	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0
SEN PROGRAM	A	0	0	0	6	0	3	1	6	FACULTY	1	5	GRAD	12	A 0	0
IN DEPT OF	B	1	1	1						OTHER	0	0	UNDGR	15	B 8	7
	M	1	1	1	NO. JOINT APPTS				0						M 0	0
	D	0	0	0											D 0	0

X. SUMMARIES FROM FORM 3-LINES 04-19: COMPUTER SCIENCE, DATA PROCESSING, INFORMATION SCIENCES, ETC. COURSES BY GENERAL DESCRIPTORS

The following variables and levels were used for summarizing the responses:

Type of Control	Highest Degree Offered	Fall 1968 Enrollment Class
1. Public	1. Associate	1. Less than 500
2. Private	2. Bachelor's	2. 500 - 2,499
	3. Master's	3. 2,500 - 9,999
	4. Doctorate	4. 10,000 - 19,999
		5. 20,000 and above

Summaries for the individual levels (one-way) of the control variables, and the total population are presented provided that there were enough institutions included and/or reporting in the category to preclude identification of the institutions involved (i.e., at least two institutions must have reported in a group for the summary of that group to be included).

Each group summary is identified by the levels of three control variables. For example, group (Public, ,) identifies the summary for all public institutions. Since all summaries for FORM 3 - lines 04-19 are identical in format, only one will be discussed here as a guide. The total group is chosen for this purpose, i.e., group (, ,).

The format of the summaries is identical for each "Course Description," hence, it is necessary to look at only one. We will use "Computer Appreciation" for this purpose. Under "NUMBER OF TERMS OFFERED" there are frequency counts for each of the academic years 1969-70, 1970-71, and 1971-72. A FORM 3 was requested from institutions offering courses in Computer Sciences, Data Processing, Information Science, etc. whether or not they offered a degree program in one or more of these areas. The summaries given here include all reports whether or not a degree program was offered.

During 1971-72, 19 institutions had such a course on the books, but did not plan to offer it during 1971-72, 83 expected to offer the course during one term, 43 twice, 41 three terms and 22 during four terms.

Fifty institutions reguired (R) such a course for majors in Computer Science, Data Processing, etc., ten required the course of minors (M), 26 used it as a service course for science majors (S) and 114 had a "Computer Appreciation" type course available as a service course to non-science (N) majors.

Only credit courses were to have been reported. Twelve (12) were reported as being one or two quarter credit hour (Q1-2) courses, 46 were 3 or 4 (Q3-4) quarter credit hours and 6 were 5 or more (Q-5) quarter credit hours. (S1-2 refers to 1 or 2 semester credit hours, etc.)

Seventy three (73) courses were lecture (L) only, 106 had a laboratory plus lecture (R), one used TV or film plus laboratory (T) and 21 consisted of lecture plus extensive use of visual aids (A).

Section sizes and laboratory hours spent per term per student were tallied using the same class intervals. Therefore, we see that 50 institutions reported section sizes of from 1-10 students and 140 courses were reported with the students spending from 1-10 hours per term in laboratory type work, etc.

Class intervals for total enrollment in the courses for 1969-70 were 1-50, 51-100, 101-150, 151-200, and > 200. One hundred twenty (120) courses enrolled from 1 to 50 students during 1969-70, etc. The total enrollment in all such courses for 1969-70 was 18,112 students.

The institutions were asked to report the cost of computer services supplied for these courses. The "TOTAL" cost for both on-campus (ON) and off-campus (OPF) services was $432,000 for 1969-70. Two hundred thousand dollars of this was for on-campus and in the same department (IN-DPT) and another $184,000 was on-campus but outside the department (OUT-DPT). Thirty

eight thousand dollars worth of computer services were supplied by off-campus facilities owned by educational institutions (ED-INST) and no services were obtained from facilities owned by non-educational institutions (NON-ED).

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GROUP ( )

SUMMARY BY COURSE TYPE

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUSA) ON AND OFF-CAMPUS	
COMPUTER APPRECIATION	0= 56	32	19	R= 50	Q1=2	12	L= 73	1=10	50	140	1= 50	120	ON: IN=OPT	200
	1= 67	79	83	W= 10	Q3=4	48	R= 106	11=20	40	20	51=100	38	OUT=OPT	184
	2= 37	40	43	S= 28	Q >5	8	T= 1	21=30	60	22	101=150	18	OFF: NON=ED	0
	3= 37	41	41	N= 114	S1=2	33	A= 21	31=40	23	8	151=200	8	ED=INST	38
	4= 11	18	22		S3=4	104		41=50	13	8	>200	24		
					S >5	1		> 50	17	10	TOTAL	18112	TOTAL	432
PROBLEM SOLVING COURSE IN THE HUMANITIES	0= 29	16	8	R= 8	Q1=2	2	L= 28	1=10	37	37	1= 50	78	ON: IN=OPT	73
	1= 46	51	56	W= 1	Q3=4	9	R= 56	11=20	26	7	51=100	6	OUT=OPT	142
	2= 7	12	10	S= 21	Q >5	3	T= 0	21=30	16	12	101=150	1	OFF: NON=ED	2
	3= 8	7	9	N= 55	S1=2	9	A= 1	31=40	4	8	151=200	1	ED=INST	0
	4= 2	2	2		S3=4	61		41=50	1	11	>200	2		
					S >5	1		> 50	4	13	TOTAL	2318	TOTAL	219
INTRODUCTORY COURSE IN SOME COMPILER LANGUAGE SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0= 204	99	77	R= 461	Q1=2	55	L= 128	1=10	219	389	1= 50	628	ON: IN=OPT	2437
	1= 350	371	367	W= 47	Q3=4	261	R=1004	11=20	369	181	51=100	216	OUT=OPT	2901
	2= 286	320	319	S= 368	Q >5	46	T= 9	21=30	307	165	101=150	113	OFF: NON=ED	221
	3= 229	259	240	N= 278	S1=2	213	A= 14	31=40	113	123	151=200	55	ED=INST	476
	4= 104	125	146		S3=4	559		41=50	51	127	>200	169		
					S >5	14		> 50	62	196	TOTAL	132462	TOTAL	6060
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0= 109	45	38	R= 310	Q1=2	4	L= 50	1=10	93	161	1= 50	300	ON: IN=OPT	1089
	1= 158	183	167	W= 7	Q3=4	111	R= 398	11=20	171	55	51=100	84	OUT=OPT	472
	2= 112	128	132	S= 33	Q >5	25	T= 0	21=30	132	47	101=150	33	OFF: NON=ED	70
	3= 57	74	68	N= 100	S1=2	22	A= 8	31=40	43	58	151=200	17	ED=INST	46
	4= 22	29	31		S3=4	279		41=50	15	37	>200	27		
					S >5	12		> 50	7	103	TOTAL	27410	TOTAL	1676
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0= 107	54	52	R= 91	Q1=2	33	L= 136	1=10	180	262	1= 50	358	ON: IN=OPT	456
	1= 189	225	221	W= 7	Q3=4	133	R= 307	11=20	149	50	51=100	96	OUT=OPT	414
	2= 88	98	101	S= 297	Q >5	15	T= 2	21=30	72	32	101=150	17	OFF: NON=ED	36
	3= 53	56	56	N= 41	S1=2	54	A= 3	31=40	28	27	151=200	10	ED=INST	25
	4= 19	23	23		S3=4	206		41=50	10	35	>200	15		
					S >5	2		> 50	17	50	TOTAL	18664	TOTAL	934
INTRODUCTORY COURSE IN PROGRAMMING	0= 105	82	45	R= 320	Q1=2	21	L= 96	1=10	116	285	1= 50	338	ON: IN=OPT	1560
	1= 187	194	197	W= 33	Q3=4	122	R= 493	11=20	208	77	51=100	122	OUT=OPT	977
	2= 155	150	148	S= 119	Q >5	34	T= 1	21=30	191	66	101=150	54	OFF: NON=ED	49
	3= 124	132	136	N= 139	S1=2	59	A= 16	31=40	83	50	151=200	28	ED=INST	41
	4= 43	55	59		S3=4	357		41=50	10	72	>200	74		
					S >5	16		> 50	34	106	TOTAL	56683	TOTAL	2650
ADVANCED COURSE IN PROGRAMMING	0= 199	105	53	R= 443	Q1=2	10	L= 109	1=10	234	264	1= 50	569	ON: IN=OPT	2091
	1= 293	332	344	W= 31	Q3=4	187	R= 586	11=20	278	73	51=100	89	OUT=OPT	865
	2= 142	177	198	S= 148	Q >5	50	T= 0	21=30	151	72	101=150	38	OFF: NON=ED	51
	3= 87	77	86	N= 77	S1=2	37	A= 8	31=40	48	88	151=200	13	ED=INST	43
	4= 28	38	49		S3=4	455		41=50	11	65	>200	20		
					S >5	19		> 50	7	167	TOTAL	27897	TOTAL	2364
#INST COURSE IN COMPUTER DESIGN	0= 41	18	11	R= 73	Q1=2	0	L= 56	1=10	55	81	1= 50	98	ON: IN=OPT	91
	1= 56	72	77	W= 10	Q3=4	41	R= 78	11=20	38	14	51=100	24	OUT=OPT	39
	2= 24	25	26	S= 43	Q >5	4	T= 0	21=30	33	7	101=150	5	OFF: NON=ED	13
	3= 8	15	15	N= 6	S1=2	5	A= 3	31=40	13	7	151=200	5	ED=INST	11
	4= 7	5	6		S3=4	83		41=50	4	7	>200	4		
					S >5	0		> 50	3	20	TOTAL	5697	TOTAL	154
ADVANCED COURSE IN COMPUTER DESIGN (COMPUTER ARCHITECTURE)	0= 26	18	6	R= 43	Q1=2	3	L= 50	1=10	38	59	1= 50	72	ON: IN=OPT	38
	1= 38	44	55	W= 6	Q3=4	24	R= 32	11=20	26	8	51=100	13	OUT=OPT	41
	2= 19	19	19	S= 22	Q >5	4	T= 0	21=30	13	5	101=150	1	OFF: NON=ED	0
	3= 4	6	9	N= 3	S1=2	4	A= 3	31=40	2	4	151=200	1	ED=INST	6
	4= 1	1	1		S3=4	51		41=50	3	4	>200	1		
					S >5	1		> 50	3	8	TOTAL	2515	TOTAL	104
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0= 68	28	15	R= 139	Q1=2	6	L= 77	1=10	74	129	1= 50	189	ON: IN=OPT	202
	1= 116	133	133	W= 24	Q3=4	61	R= 154	11=20	66	22	51=100	33	OUT=OPT	285
	2= 34	48	53	S= 49	Q >5	11	T= 2	21=30	51	22	101=150	7	OFF: NON=ED	8
	3= 21	23	29	N= 19	S1=2	8	A= 3	31=40	15	20	151=200	4	ED=INST	31
	4= 4	7	9		S3=4	141		41=50	9	18	>200	6		
					S >5	9		> 50	4	33	TOTAL	8667	TOTAL	527
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0= 100	62	31	R= 222	Q1=2	7	L= 123	1=10	114	183	1= 50	258	ON: IN=OPT	383
	1= 152	177	188	W= 19	Q3=4	99	R= 181	11=20	107	32	51=100	45	OUT=OPT	409
	2= 41	47	63	S= 44	Q >5	13	T= 3	21=30	68	39	101=150	11	OFF: NON=ED	11
	3= 22	28	32	N= 19	S1=2	11	A= 10	31=40	19	18	151=200	4	ED=INST	8
	4= 11	12	12		S3=4	185		41=50	6	23	>200	8		
					S >5	5		> 50	12	31	TOTAL	11773	TOTAL	791
DATA STRUCTURES	0= 52	41	14	R= 91	Q1=2	4	L= 73	1=10	56	90	1= 50	120	ON: IN=OPT	98
	1= 69	69	83	W= 14	Q3=4	38	R= 65	11=20	42	16	51=100	16	OUT=OPT	178
	2= 15	25	31	S= 20	Q >5	3	T= 1	21=30	27	15	101=150	5	OFF: NON=ED	6
	3= 8	9	14	N= 14	S1=2	4	A= 4	31=40	13	4	151=200	3	ED=INST	12
	4= 2	2	4		S3=4	95		41=50	7	6	>200	2		
					S >5	1		> 50	1	13	TOTAL	4190	TOTAL	294
AUTOMATA THEORY	0= 46	33	20	R= 75	Q1=2	4	L= 107	1=10	70	117	1= 50	124	ON: IN=OPT	8
	1= 78	81	93	W= 5	Q3=4	37	R= 19	11=20	31	4	51=100	5	OUT=OPT	21
	2= 9	13	15	S= 31	Q >5	6	T= 0	21=30	21	5	101=150	1	OFF: NON=ED	0
	3= 1	2	1	N= 2	S1=2	7	A= 3	31=40	8	5	151=200	0	ED=INST	9
	4= 1	2	2		S3=4	76		41=50	0	0	>200	1		
					S >5	0		> 50	1	0	TOTAL	2121	TOTAL	38
SIMULATION APPLICATIONS (NON=ECONOMETRIC)	0= 21	16	8	R= 29	Q1=2	1	L= 28	1=10	38	38	1= 50	64	ON: IN=OPT	66
	1= 40	43	46	W= 2	Q3=4	15	R= 48	11=20	23	10	51=100	6	OUT=OPT	61
	2= 8	8	9	S= 22	Q >5	3	T= 0	21=30	8	5	101=150	3	OFF: NON=ED	1
	3= 2	2	4	N= 14	S1=2	3	A= 1	31=40	5	7	151=200	1	ED=INST	2
	4= 4	4	5		S3=4	50		41=50	0	5	>200	1		
					S >5	0		> 50	1	12	TOTAL	1994	TOTAL	130
SIMULATION LANGUAGES AND/OR TECHNIQUES	0= 51	38	17	R= 60	Q1=2	4	L= 58	1=10	73	71	1= 50	119	ON: IN=OPT	90
	1= 62	66	81	W= 3	Q3=4	38	R= 70	11=20	37	22	51=100	13	OUT=OPT	88
	2= 16	21	25	S= 34	Q >5	3	T= 1	21=30	17	12	101=150	1	OFF: NON=ED	0
	3= 4	7	8	N= 17	S1=2	2	A= 2	31=40	4	7	151=200	0	ED=INST	14
	4= 1	2	5		S3=4	88		41=50	1	9	>200	1		
					S >5	0		> 50	2	13	TOTAL	2594	TOTAL	192
ARTIFICIAL INTELLIGENCE (HEURISTIC PROGRAMMING)	0= 32	22	12	R= 37	Q1=2	2	L= 32	1=10	40	56	1= 50	67	ON: IN=OPT	31
	1= 37	44	54	W= 2	Q3=4	20	R= 22	11=20	16	4	51=100	7	OUT=OPT	34
	2= 4	6	7	S= 16	Q >5	3	T= 0	21=30	13	4	101=150	3	OFF: NON=ED	0
	3= 2	2	2	N= 3	S1=2	3	A= 1	31=40	2	5	151=200	0	ED=INST	0
	4= 2	1	2		S3=4	49		41=50	0	4	>200	0		
					S >5	0		> 50	6	6	TOTAL	1479	TOTAL	65

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OFFER	** NO.	AVERAGE ** SECT SIZE	LAB * HRS * NO.	ENROLLMENT* 1969-70 * FREQ*	* 1969-70 (THOUS$) ON AND OFF-CAMPUS
HYBRID COMPUTERS	0= 16	10	4	R= 16	Q1=2	2	L= 11	1-10	15	24	1- 50	43 ON: IN-OPT 32
	1= 22	28	34	M= 1	Q3=4	20	R= 31	11-20	15	6	51-100	4 OUT-OPT 18
	2= 8	5	5	S= 22	Q >5	1	T= 0	21-30	5	7	101-150	1 OFF: NON-ED 0
	3= 1	2	2	N= 0	S1=2	0	A= 1	31-40	2	7	151-200	0 ED-INST 0
	4= 1	1	1		S3=4	23		41-50	0	1	>200	0
					S >5	0		> 50	1	3	TOTAL 956	TOTAL 50
DISCRETE STRUCTURES	0= 34	21	3	R= 45	Q1=2	3	L= 48	1-10	34	58	1- 50	83 ON: IN-OPT 12
	1= 26	33	47	M= 6	Q3=4	20	R= 20	11-20	5	6	51-100	6 OUT-OPT 26
	2= 8	13	15	S= 13	Q >5	2	T= 0	21-30	17	1	101-150	0 OFF: NON-ED 1
	3= 3	4	6	N= 3	S1=2	1	A= 0	31-40	4	0	151-200	2 ED-INST 0
	4= 0	0	0		S3=4	41		41-50	5	1	>200	0
					S >5	2		> 50	0	5	TOTAL 1441	TOTAL 40
COMPUTER ORGANIZATION	0= 39	15	4	R= 74	Q1=2	5	L= 51	1-10	42	74	1- 50	101 ON: IN-OPT 50
	1= 61	79	81	M= 10	Q3=4	32	R= 66	11-20	27	20	51-100	11 OUT-OPT 111
	2= 17	17	18	S= 15	Q >5	7	T= 2	21-30	33	15	101-150	3 OFF: NON-ED 2
	3= 4	7	10	N= 7	S1=2	3	A= 3	31-40	13	1	151-200	0 ED-INST 4
	4= 3	6	6		S3=4	76		41-50	6	0	>200	3
					S >5	1		> 50	3	6	TOTAL 5296	TOTAL 167
SWITCHING THEORY	0= 29	23	10	R= 66	Q1=2	3	L= 81	1-10	43	108	1- 50	87 ON: IN-OPT 12
	1= 60	62	71	M= 2	Q3=4	42	R= 33	11-20	31	5	51-100	20 OUT-OPT 35
	2= 16	17	23	S= 36	Q >5	3	T= 0	21-30	24	3	101-150	9 OFF: NON-ED 0
	3= 11	15	12	N= 3	S1=2	6	A= 1	31-40	12	2	151-200	4 ED-INST 2
	4= 5	4	5		S3=4	64		41-50	5	1	>200	3
					S >5	1		> 50	4	2	TOTAL 5219	TOTAL 49
SEQUENTIAL MACHINES	0= 12	4	3	R= 14	Q1=2	0	L= 34	1-10	16	35	1- 50	24 ON: IN-OPT 0
	1= 17	26	27	M= 2	Q3=4	16	R= 0	11-20	11	1	51-100	7 OUT-OPT 11
	2= 4	3	3	S= 12	Q >5	0	T= 0	21-30	4	0	101-150	0 OFF: NON-ED 0
	3= 2	2	2	N= 0	S1=2	0	A= 1	31-40	3	0	151-200	0 ED-INST 0
	4= 1	1	1		S3=4	20		41-50	1	0	>200	0
					S >5	0		> 50	1	0	TOTAL 862	TOTAL 11
COMPILER CONSTRUCTION	0= 54	32	9	R= 83	Q1=2	3	L= 61	1-10	72	76	1- 50	118 ON: IN-OPT 49
	1= 65	81	100	M= 5	Q3=4	50	R= 73	11-20	48	17	51-100	15 OUT-OPT 93
	2= 11	17	17	S= 28	Q >5	4	T= 0	21-30	17	14	101-150	1 OFF: NON-ED 0
	3= 4	4	8	N= 5	S1=2	3	A= 0	31-40	12	2	151-200	1 ED-INST 0
	4= 1	1	1		S3=4	73		41-50	3	8	>200	0
					S >5	0		> 50	3	16	TOTAL 2490	TOTAL 143
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0= 38	31	15	R= 66	Q1=2	1	L= 74	1-10	47	85	1- 50	101 ON: IN-OPT 21
	1= 61	63	75	M= 0	Q3=4	31	R= 30	11-20	35	6	51-100	5 OUT-OPT 47
	2= 7	10	14	S= 15	Q >5	5	T= 0	21-30	16	7	101-150	1 OFF: NON-ED 0
	3= 1	2	2	N= 11	S1=2	1	A= 1	31-40	6	3	151-200	0 ED-INST 8
	4= 0	1	1		S3=4	69		41-50	2	4	>200	0
					S >5	0		> 50	1	2	TOTAL 1681	TOTAL 76
INTRODUCTORY COMPUTER ORGANIZATION	0= 34	18	3	R= 61	Q1=2	2	L= 45	1-10	25	59	1- 50	70 ON: IN-OPT 70
	1= 31	38	45	M= 11	Q3=4	24	R= 45	11-20	26	10	51-100	13 OUT-OPT 101
	2= 21	24	31	S= 16	Q >5	4	T= 1	21-30	24	8	101-150	5 OFF: NON-ED 1
	3= 10	14	15	N= 5	S1=2	4	A= 4	31-40	8	9	151-200	6 ED-INST 5
	4= 1	3	3		S3=4	61		41-50	7	3	>200	3
					S >5	0		> 50	3	8	TOTAL 4315	TOTAL 176
ADVANCED COMPUTER ORGANIZATION	0= 15	14	6	R= 40	Q1=2	0	L= 47	1-10	49	54	1- 50	60 ON: IN-OPT 16
	1= 47	47	51	M= 3	Q3=4	17	R= 18	11-20	17	2	51-100	8 OUT-OPT 26
	2= 5	6	9	S= 7	Q >5	2	T= 1	21-30	14	6	101-150	1 OFF: NON-ED 0
	3= 2	1	2	N= 6	S1=2	4	A= 2	31-40	7	0	151-200	1 ED-INST 0
	4= 0	1	1		S3=4	45		41-50	1	3	>200	1
					S >5	1		> 50	1	4	TOTAL 1746	TOTAL 43
INFORMATION STORAGE AND RETRIEVAL	0= 22	19	14	R= 32	Q1=2	1	L= 43	1-10	40	47	1- 50	69 ON: IN-OPT 20
	1= 38	42	46	M= 2	Q3=4	19	R= 28	11-20	19	8	51-100	5 OUT-OPT 67
	2= 13	10	9	S= 16	Q >5	3	T= 1	21-30	12	7	101-150	0 OFF: NON-ED 0
	3= 3	4	6	N= 21	S1=2	3	A= 2	31-40	7	3	151-200	1 ED-INST 0
	4= 0	1	1		S3=4	50		41-50	1	2	>200	1
					S >5	0		> 50	2	9	TOTAL 1549	TOTAL 87
COMPUTER GRAPHICS	0= 19	13	4	R= 13	Q1=2	2	L= 18	1-10	16	24	1- 50	42 ON: IN-OPT 68
	1= 22	25	33	M= 3	Q3=4	10	R= 26	11-20	17	3	51-100	3 OUT-OPT 25
	2= 4	5	5	S= 17	Q >5	1	T= 0	21-30	6	7	101-150	1 OFF: NON-ED 0
	3= 1	2	3	N= 3	S1=2	2	A= 0	31-40	3	2	151-200	0 ED-INST 0
	4= 0	1	1		S3=4	30		41-50	2	1	>200	0
					S >5	0		> 50	0	9	TOTAL 851	TOTAL 93
COMPUTABILITY	0= 22	14	5	R= 33	Q1=2	1	L= 48	1-10	28	51	1- 50	55 ON: IN-OPT 8
	1= 29	32	38	M= 1	Q3=4	12	R= 10	11-20	14	9	51-100	3 OUT-OPT 4
	2= 7	11	11	S= 14	Q >5	1	T= 1	21-30	10	1	101-150	0 OFF: NON-ED 0
	3= 0	1	2	N= 2	S1=2	0	A= 0	31-40	5	1	151-200	0 ED-INST 2
	4= 0	0	0		S3=4	31		41-50	0	0	>200	0
					S >5	1		> 50	1	2	TOTAL 850	TOTAL 14
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0= 93	63	41	R= 173	Q1=2	10	L= 160	1-10	133	200	1- 50	336 ON: IN-OPT 317
	1= 222	237	246	M= 27	Q3=4	107	R= 237	11-20	141	50	51-100	47 OUT-OPT 407
	2= 56	69	80	S= 142	Q >5	15	T= 1	21-30	90	54	101-150	13 OFF: NON-ED 14
	3= 22	25	26	N= 25	S1=2	13	A= 0	31-40	24	25	151-200	4 ED-INST 18
	4= 12	11	12		S3=4	256		41-50	7	26	>200	7
					S >5	2		> 50	10	44	TOTAL 12082	TOTAL 756
ADVANCED NUMERICAL ANALYSIS	0= 69	52	45	R= 115	Q1=2	4	L= 148	1-10	141	164	1- 50	254 ON: IN-OPT 62
	1= 169	175	183	M= 10	Q3=4	81	R= 109	11-20	64	35	51-100	10 OUT-OPT 110
	2= 24	29	29	S= 96	Q >5	13	T= 3	21-30	31	27	101-150	1 OFF: NON-ED 16
	3= 5	6	5	N= 12	S1=2	9	A= 0	31-40	6	5	151-200	2 ED-INST 8
	4= 2	5	5		S3=4	158		41-50	4	19	>200	1
					S >5	0		> 50	2	18	TOTAL 4187	TOTAL 197
INTRODUCTORY OPERATIONS RESEARCH	0= 30	20	9	R= 59	Q1=2	6	L= 63	1-10	45	91	1- 50	101 ON: IN-OPT 61
	1= 54	65	73	M= 6	Q3=4	46	R= 66	11-20	42	9	51-100	22 OUT-OPT 105
	2= 27	26	29	S= 50	Q >5	11	T= 2	21-30	37	19	101-150	6 OFF: NON-ED 1
	3= 12	12	12	N= 22	S1=2	5	A= 4	31-40	10	5	151-200	7 ED-INST 4
	4= 17	17	17		S3=4	69		41-50	2	4	>200	4
					S >5	2		> 50	4	8	TOTAL 6687	TOTAL 165
ADVANCED OPERATIONS RESEARCH	0= 17	16	5	R= 32	Q1=2	2	L= 48	1-10	40	54	1- 50	71 ON: IN-OPT 19
	1= 48	48	58	M= 4	Q3=4	16	R= 19	11-20	24	7	51-100	6 OUT-OPT 15
	2= 8	8	11	S= 29	Q >5	3	T= 1	21-30	11	9	101-150	0 OFF: NON-ED 0
	3= 4	5	4	N= 6	S1=2	0	A= 6	31-40	1	2	151-200	0 ED-INST 2
	4= 0	0	1		S3=4	56		41-50	0	1	>200	0
					S >5	0		> 50	1	4	TOTAL 1307	TOTAL 37

GROUP ( ) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUSS) ON AND OFF-CAMPUS	
DATA COMMUNICATIONS	0= 12	5	2	R= 21	Q1-2	1	L= 25	1-10	19	32	1- 50	37	ON: IN-OPT	27
	1= 24	30	28	W= 3	Q3-4	14	R= 17	11-20	13	2	51-100	6	OUT-OPT	5
	2= 4	5	9	S= 14	Q >5	2	T= 0	21-30	6	3	101-150	1	OFF: NON-ED	0
	3= 4	4	4	N= 5	S1-2	1	A= 1	31-40	5	3	151-200	0	ED-INST	0
	4= 0	0	1		S3-4	25		41-50	0	2	>200	0		
					S >5	1		> 50	1	2	TOTAL	1046	TOTAL	32
PROCESS CONTROL	0= 9	5	1	R= 18	Q1-2	1	L= 13	1-10	15	20	1- 50	35	ON: IN-OPT	5
	1= 21	27	31	W= 1	Q3-4	12	R= 24	11-20	16	5	51-100	2	OUT-OPT	12
	2= 7	5	5	S= 16	Q >5	3	T= 0	21-30	4	2	101-150	1	OFF: NON-ED	3
	3= 1	1	1	N= 2	S1-2	0	A= 2	31-40	0	4	151-200	1	ED-INST	0
	4= 1	1	1		S3-4	21		41-50	0	2	>200	0		
					S >5	0		> 50	1	6	TOTAL	959	TOTAL	19
DATA PREPARATION (KEY PUNCH, VERIFIER, DATA ENTRY,...)	0= 13	7	6	R= 31	Q1-2	8	L= 2	1-10	26	18	1- 50	40	ON: IN-OPT	67
	1= 17	17	20	W= 2	Q3-4	13	R= 63	11-20	27	5	51-100	11	OUT-OPT	14
	2= 14	18	20	S= 6	Q >5	5	T= 1	21-30	13	10	101-150	8	OFF: NON-ED	0
	3= 16	17	14	N= 27	S1-2	18	A= 1	31-40	1	11	151-200	2	ED-INST	0
	4= 5	4	5		S3-4	20		41-50	0	7	>200	6		
					S >5	3		> 50	0	18	TOTAL	6358	TOTAL	81
UNIT RECORD (EAM)	0= 18	23	37	R= 144	Q1-2	2	L= 6	1-10	23	41	1- 50	106	ON: IN-OPT	404
	1= 76	63	57	W= 2	Q3-4	33	R= 188	11-20	96	30	51-100	54	OUT-OPT	93
	2= 54	53	52	S= 4	Q >5	14	T= 0	21-30	63	27	101-150	15	OFF: NON-ED	22
	3= 41	44	40	N= 44	S1-2	21	A= 3	31-40	11	26	151-200	6	ED-INST	24
	4= 15	12	10		S3-4	120		41-50	1	30	>200	17		
					S >5	5		> 50	4	44	TOTAL	14889	TOTAL	602
INTRODUCTORY COURSE IN DATA PROCESSING	0= 60	47	43	R= 246	Q1-2	11	L= 143	1-10	64	324	1- 50	188	ON: IN-OPT	971
	1= 140	136	136	W= 12	Q3-4	98	R= 257	11-20	68	66	51-100	101	OUT-OPT	803
	2= 117	103	102	S= 25	Q >5	29	T= 1	21-30	205	28	101-150	53	OFF: NON-ED	324
	3= 109	126	125	N= 191	S1-2	28	A= 71	31-40	75	21	151-200	35	ED-INST	15
	4= 48	60	67		S3-4	304		41-50	30	23	>200	108		
					S >5	4		> 50	23	23	TOTAL	77538	TOTAL	1807
ADVANCED COURSE IN DATA PROCESSING	0= 29	14	8	R= 61	Q1-2	2	L= 27	1-10	36	62	1- 50	81	ON: IN-OPT	69
	1= 42	47	45	W= 3	Q3-4	32	R= 67	11-20	40	6	51-100	13	OUT-OPT	122
	2= 17	16	16	S= 18	Q >5	8	T= 0	21-30	24	5	101-150	7	OFF: NON-ED	7
	3= 20	21	23	N= 24	S1-2	5	A= 10	31-40	8	9	151-200	5	ED-INST	0
	4= 8	11	11		S3-4	55		41-50	1	8	>200	3		
					S >5	4		> 50	2	15	TOTAL	5309	TOTAL	198
PROBLEM SOLVING COURSE IN BUSINESS APPLICATIONS	0= 56	26	14	R= 129	Q1-2	3	L= 57	1-10	65	116	1- 50	173	ON: IN-OPT	350
	1= 99	109	110	W= 6	Q3-4	66	R= 148	11-20	80	27	51-100	27	OUT-OPT	112
	2= 47	58	65	S= 16	Q >5	23	T= 0	21-30	60	24	101-150	13	OFF: NON-ED	9
	3= 18	23	24	N= 71	S1-2	14	A= 11	31-40	10	14	151-200	2	ED-INST	24
	4= 8	12	13		S3-4	112		41-50	5	14	>200	13		
					S >5	7		> 50	8	31	TOTAL	12212	TOTAL	488
ADVANCED BUSINESS APPLICATIONS (MARKETING, FINANCE, PRODUCTION, ETC.)	0= 21	12	8	R= 48	Q1-2	2	L= 17	1-10	28	56	1- 50	77	ON: IN-OPT	54
	1= 47	48	53	W= 2	Q3-4	24	R= 67	11-20	36	11	51-100	10	OUT-OPT	37
	2= 16	17	19	S= 10	Q >5	10	T= 2	21-30	21	8	101-150	4	OFF: NON-ED	1
	3= 8	8	10	N= 25	S1-2	4	A= 4	31-40	9	3	151-200	2	ED-INST	5
	4= 9	10	5		S3-4	40		41-50	1	5	>200	2		
					S >5	3		> 50	0	9	TOTAL	3752	TOTAL	98
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0= 48	34	12	R= 196	Q1-2	3	L= 102	1-10	68	174	1- 50	204	ON: IN-OPT	230
	1= 138	141	151	W= 6	Q3-4	65	R= 119	11-20	103	26	51-100	35	OUT-OPT	58
	2= 47	55	60	S= 8	Q >5	9	T= 1	21-30	46	15	101-150	9	OFF: NON-ED	8
	3= 18	18	23	N= 44	S1-2	8	A= 28	31-40	14	13	151-200	2	ED-INST	2
	4= 7	10	11		S3-4	169		41-50	2	15	>200	6		
					S >5	5		> 50	5	15	TOTAL	9987	TOTAL	298
LARGE SCALE INFORMATION PROCESSING SYSTEMS	0= 13	9	4	R= 15	Q1-2	2	L= 18	1-10	15	24	1- 50	32	ON: IN-OPT	21
	1= 18	20	26	W= 0	Q3-4	8	R= 14	11-20	15	3	51-100	3	OUT-OPT	7
	2= 5	5	4	S= 12	Q >5	1	T= 0	21-30	5	3	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 1	S1-2	1	A= 2	31-40	0	1	151-200	0	ED-INST	2
	4= 0	0	0		S3-4	23		41-50	0	1	>200	0		
					S >5	0		> 50	0	3	TOTAL	553	TOTAL	30
FILE ORGANIZATION	0= 9	6	0	R= 17	Q1-2	1	L= 7	1-10	7	10	1- 50	21	ON: IN-OPT	24
	1= 10	10	15	W= 2	Q3-4	12	R= 10	11-20	9	5	51-100	2	OUT-OPT	30
	2= 3	6	6	S= 3	Q >5	1	T= 0	21-30	6	2	101-150	0	OFF: NON-ED	0
	3= 1	1	2	N= 1	S1-2	1	A= 0	31-40	1	5	151-200	0	ED-INST	0
	4= 1	1	1		S3-4	9		41-50	1	0	>200	1		
					S >5	0		> 50	0	2	TOTAL	615	TOTAL	54
DATA BASE MANAGEMENT	0= 6	4	2	R= 10	Q1-2	0	L= 7	1-10	10	13	1- 50	16	ON: IN-OPT	2
	1= 8	10	12	W= 0	Q3-4	2	R= 3	11-20	2	1	51-100	1	OUT-OPT	21
	2= 2	0	2	S= 1	Q >5	4	T= 0	21-30	4	1	101-150	0	OFF: NON-ED	0
	3= 2	2	2	N= 5	S1-2	0	A= 2	31-40	1	1	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	12		41-50	0	2	>200	1		
					S >5	0		> 50	1	0	TOTAL	682	TOTAL	23
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0= 38	19	6	R= 101	Q1-2	1	L= 51	1-10	50	95	1- 50	110	ON: IN-OPT	97
	1= 62	74	78	W= 3	Q3-4	39	R= 75	11-20	52	7	51-100	13	OUT-OPT	47
	2= 23	27	34	S= 12	Q >5	8	T= 0	21-30	29	10	101-150	5	OFF: NON-ED	1
	3= 14	16	14	N= 22	S1-2	4	A= 10	31-40	6	8	151-200	3	ED-INST	3
	4= 3	4	5		S3-4	83		41-50	2	10	>200	1		
					S >5	2		> 50	1	10	TOTAL	4408	TOTAL	148
INFORMATION SYSTEMS DESIGN (ADVANCED)	0= 28	12	3	R= 69	Q1-2	2	L= 37	1-10	40	60	1- 50	82	ON: IN-OPT	65
	1= 49	59	66	W= 1	Q3-4	34	R= 49	11-20	26	8	51-100	9	OUT-OPT	21
	2= 11	15	16	S= 9	Q >5	4	T= 0	21-30	11	7	101-150	1	OFF: NON-ED	0
	3= 3	5	7	N= 12	S1-2	1	A= 4	31-40	2	4	151-200	0	ED-INST	1
	4= 2	1	2		S3-4	47		41-50	1	9	>200	0		
					S >5	0		> 50	0	4	TOTAL	1957	TOTAL	87
MANAGEMENT INFORMATION SYSTEMS	0= 26	19	7	R= 49	Q1-2	3	L= 40	1-10	35	75	1- 30	74	ON: IN-OPT	46
	1= 34	41	43	W= 4	Q3-4	29	R= 45	11-20	31	5	51-100	19	OUT-OPT	38
	2= 22	23	31	S= 11	Q >5	5	T= 0	21-30	26	11	101-150	6	OFF: NON-ED	1
	3= 15	14	16	N= 32	S1-2	8	A= 11	31-40	4	2	151-200	2	ED-INST	15
	4= 6	6	6		S3-4	57		41-50	1	6	>200	2		
					S >5	0		> 50	3	4	TOTAL	4195	TOTAL	101
MANAGEMENT OF COMPUTER CENTERS OF INFORMATION PROCESSING DEPARTMENTS	0= 20	10	2	R= 40	Q1-2	2	L= 21	1-10	24	37	1- 50	48	ON: IN-OPT	33
	1= 25	33	38	W= 1	Q3-4	9	R= 30	11-20	14	10	51-100	3	OUT-OPT	6
	2= 6	5	8	S= 3	Q >5	8	T= 0	21-30	11	1	101-150	0	OFF: NON-ED	0
	3= 1	3	3	N= 7	S1-2	6	A= 1	31-40	2	0	151-200	0	ED-INST	2
	4= 1	2	2		S3-4	28		41-50	1	0	>200	2		
					S >5	0		> 50	1	5	TOTAL	1614	TOTAL	40

GROUP ( ) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION		NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE		CR HOURS QTR AND SEMESTER		MODE OF OPER		** AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS$) ON AND OFF-CAMPUS	
COMPUTERS AND ACCOUNTING (INCLUDING AUDITING)	0=	13	10	8	R=	15	Q1-2	0	L=	20	1-10	15	32	1- 50	37	ON: IN-OPT 17
	1=	21	25	28	M=	4	Q3-4	16	R=	22	11-20	14	4	51-100	6	OUT-OPT 9
	2=	9	6	9	S=	2	Q >5	0	T=	0	21-30	12	2	101-150	1	OFF: NON-ED 0
	3=	2	4	4	N=	23	S1-2	3	A=	1	31-40	3	3	151-200	0	ED-INST 0
	4=	1	1	1			S3-4	25			41-50	1	1	>200	2	
							S >5	1			> 50	1	4	TOTAL 2377		TOTAL 26
ECONOMETRIC SIMULATION APPLICATIONS	0=	8	6	1	R=	7	Q1-2	0	L=	14	1-10	12	20	1- 50	22	ON: IN-OPT 8
	1=	14	16	19	M=	0	Q3-4	12	R=	12	11-20	8	1	51-100	2	OUT-OPT 7
	2=	1	1	3	S=	7	Q >5	0	T=	0	21-30	2	2	101-150	0	OFF: NON-ED 1
	3=	2	2	2	N=	11	S1-2	1	A=	0	31-40	2	1	151-200	1	ED-INST 1
	4=	1	1	1			S3-4	13			41-50	1	1	>200	1	
							S >5	0			> 50	1	1	TOTAL 1320		TOTAL 16
OTHER	0=	245	154	96	R=	469	Q1-2	57	L=	421	1-10	479	633	1- 50	757	ON: IN-OPT 238
	1=	356	397	425	M=	32	Q3-4	210	R=	332	11-20	211	47	51-100	67	OUT-OPT 541
	2=	136	161	169	S=	174	Q >5	47	T=	3	21-30	132	48	101-150	22	OFF: NON-ED 16
	3=	87	96	109	N=	102	S1-2	79	A=	32	31-40	26	22	151-200	15	ED-INST 27
	4=	42	58	67			S3-4	448			41-50	15	28	>200	7	
							S >5	18			> 50	5	90	TOTAL 21501		TOTAL 822
DESCRIPTION NOT CODED	0=	21	15	8	R=	19	Q1-2	2	L=	10	1-10	21	51	1- 50	41	ON: IN-OPT 36
	1=	29	31	36	M=	0	Q3-4	16	R=	24	11-20	21	4	51-100	10	OUT-OPT 11
	2=	7	9	12	S=	7	Q >5	1	T=	0	21-30	25	2	101-150	5	OFF: NON-ED 2
	3=	4	8	8	N=	11	S1-2	1	A=	6	31-40	1	3	151-200	2	ED-INST 5
	4=	0	5	5			S3-4	36			41-50	1	1	>200	3	
							S >5	3			> 50	0	0	TOTAL 3934		TOTAL 55

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** AVERAGE ** SECT NO.	SIZE	*ENROLLMENT* LAB HRS * NO.	FREQ*	* COST COMPUTER SVCS * 1969-70 (THOUSD) ON AND OFF-CAMPUS	
COMPUTER APPRECIATION	0= 39	24	16	R= 38	Q1=2	11	L= 54	1-10	37	98	1- 50	82	ON: IN-OPT 154
	1= 41	47	48	M= 8	Q3=4	39	R= 70	11-20	30	12	51-100	35	OUT-OPT 150
	2= 26	27	28	S= 20	Q >5	3	T= 0	21-30	38	15	101-150	13	OFF: NON-ED 0
	3= 29	34	34	N= 74	S1=2	24	A= 18	31-40	17	7	151-200	4	ED-INST 38
	4= 11	14	20		S3=4	65		41-50	13	4	>200	20	
					S >5	0		> 50	11	8	TOTAL 14083		TOTAL 342
PROBLEM SOLVING COURSE IN THE HUMANITIES	0= 15	11	3	R= 5	Q1=2	1	L= 23	1-10	23	25	1- 50	42	ON: IN-OPT 69
	1= 22	19	28	M= 0	Q3=4	8	R= 23	11-20	11	3	51-100	3	OUT-OPT 44
	2= 3	5	7	S= 17	Q >5	2	T= 0	21-30	7	4	101-150	0	OFF: NON-ED 0
	3= 5	6	7	N= 22	S1=2	6	A= 1	31-40	3	6	151-200	0	ED-INST 0
	4= 2	2	2		S3=4	27		41-50	1	4	>200	2	
					S >5	1		> 50	2	5	TOTAL 1356		TOTAL 113
INTRODUCTORY COURSE IN SOME COMPILER LANGUAGE SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0= 153	83	58	R= 404	Q1=2	47	L= 56	1-10	165	298	1- 50	457	ON: IN-OPT 1901
	1= 271	272	284	M= 40	Q3=4	221	R= 758	11-20	205	111	51-100	146	OUT-OPT 2488
	2= 199	225	222	S= 250	Q >5	37	T= 7	21-30	271	120	101-150	86	OFF: NON-ED 98
	3= 176	201	202	N= 176	S1=2	133	A= 8	31-40	81	97	151-200	35	ED-INST 381
	4= 85	99	113		S3=4	412		41-50	36	94	>200	142	
					S >5	12		> 50	48	166	TOTAL 109304		TOTAL 4937
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0= 93	40	32	R= 292	Q1=2	3	L= 40	1-10	81	141	1- 50	255	ON: IN-OPT 1040
	1= 128	146	131	M= 6	Q3=4	96	R= 349	11-20	153	42	51-100	78	OUT-OPT 409
	2= 104	117	124	S= 26	Q >5	25	T= 0	21-30	108	43	101-150	31	OFF: NON-ED 88
	3= 52	67	81	N= 69	S1=2	14	A= 7	31-40	38	49	151-200	13	ED-INST 34
	4= 21	27	28		S3=4	243		41-50	15	32	>200	26	
					S >5	12		> 50	8	94	TOTAL 25040		TOTAL 1550
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0= 87	47	43	R= 75	Q1=2	30	L= 108	1-10	146	201	1- 50	276	ON: IN-OPT 310
	1= 135	164	163	M= 6	Q3=4	121	R= 237	11-20	110	39	51-100	42	OUT-OPT 288
	2= 69	74	76	S= 228	Q >5	15	T= 2	21-30	55	26	101-150	16	OFF: NON-ED 33
	3= 47	49	51	N= 27	S1=2	35	A= 1	31-40	20	23	151-200	7	ED-INST 10
	4= 16	18	18		S3=4	137		41-50	8	25	>200	13	
					S >5	1		> 50	15	40	TOTAL 15226		TOTAL 641
INTRODUCTORY COURSE IN PROGRAMMING	0= 73	62	36	R= 278	Q1=2	15	L= 61	1-10	77	170	1- 50	238	ON: IN-OPT 1331
	1= 129	128	133	M= 26	Q3=4	102	R= 351	11-20	154	48	51-100	83	OUT-OPT 737
	2= 104	97	111	S= 59	Q >5	30	T= 1	21-30	124	34	101-150	32	OFF: NON-ED 17
	3= 93	100	98	N= 64	S1=2	35	A= 10	31-40	45	43	151-200	27	ED-INST 15
	4= 33	44	46		S3=4	232		41-50	8	47	>200	53	
					S >5	14		> 50	23	89	TOTAL 40238		TOTAL 2088
ADVANCED COURSE IN PROGRAMMING	0= 157	79	41	R= 383	Q1=2	17	L= 79	1-10	183	207	1- 50	454	ON: IN-OPT 1910
	1= 229	256	264	M= 25	Q3=4	170	R= 479	11-20	234	55	51-100	76	OUT-OPT 749
	2= 124	158	170	S= 105	Q >5	47	T= 0	21-30	116	56	101-150	31	OFF: NON-ED 40
	3= 56	61	70	N= 51	S1=2	22	A= 7	31-40	39	70	151-200	10	ED-INST 32
	4= 23	35	44		S3=4	314		41-50	8	52	>200	18	
					S >5	16		> 50	6	149	TOTAL 23303		TOTAL 2034
FIRST COURSE IN COMPUTER DESIGN	0= 25	13	7	R= 53	Q1=2	0	L= 36	1-10	29	60	1- 50	65	ON: IN-OPT 59
	1= 39	46	51	M= 8	Q3=4	32	R= 49	11-20	24	10	51-100	17	OUT-OPT 38
	2= 17	17	18	S= 22	Q >5	3	T= 0	21-30	25	3	101-150	4	OFF: NON-ED 12
	3= 6	11	12	N= 3	S1=2	3	A= 2	31-40	10	6	151-200	2	ED-INST 11
	4= 3	2	1		S3=4	49		41-50	2	3	>200	2	
					S >5	0		> 50	0	8	TOTAL 3429		TOTAL 116
ADVANCED COURSE IN COMPUTER DESIGN (COMPUTER ARCHITECTURE)	0= 19	12	4	R= 26	Q1=2	3	L= 32	1-10	28	40	1- 50	49	ON: IN-OPT 25
	1= 27	32	37	M= 4	Q3=4	17	R= 21	11-20	19	2	51-100	7	OUT-OPT 34
	2= 8	8	9	S= 15	Q >5	3	T= 0	21-30	7	4	101-150	1	OFF: NON-ED 0
	3= 3	5	7	N= 3	S1=2	3	A= 3	31-40	2	3	151-200	0	ED-INST 6
	4= 1	1	1		S3=4	30		41-50	0	4	>200	1	
					S >5	1		> 50	2	5	TOTAL 1430		TOTAL 74
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0= 46	17	7	R= 123	Q1=2	4	L= 60	1-10	50	90	1- 50	139	ON: IN-OPT 188
	1= 83	95	94	M= 14	Q3=4	50	R= 114	11-20	68	15	51-100	26	OUT-OPT 263
	2= 33	45	51	S= 27	Q >5	11	T= 1	21-30	41	11	101-150	5	OFF: NON-ED 6
	3= 13	15	19	N= 9	S1=2	6	A= 2	31-40	10	17	151-200	4	ED-INST 11
	4= 4	7	8		S3=4	95		41-50	7	17	>200	5	
					S >5	9		> 50	3	26	TOTAL 6984		TOTAL 468
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0= 83	49	23	R= 180	Q1=2	5	L= 97	1-10	95	147	1- 50	205	ON: IN-OPT 319
	1= 115	136	145	M= 13	Q3=4	88	R= 137	11-20	82	21	51-100	27	OUT-OPT 324
	2= 31	37	51	S= 29	Q >5	11	T= 0	21-30	49	25	101-150	8	OFF: NON-ED 11
	3= 12	18	20	N= 12	S1=2	8	A= 8	31-40	16	14	151-200	3	ED-INST 1
	4= 10	11	12		S3=4	130		41-50	5	21	>200	8	
					S >5	5		> 50	8	23	TOTAL 9094		TOTAL 654
DATA STRUCTURES	0= 37	25	9	R= 74	Q1=2	3	L= 53	1-10	34	66	1- 50	87	ON: IN-OPT 88
	1= 51	53	57	M= 9	Q3=4	14	M= 49	11-20	39	13	51-100	15	OUT-OPT 159
	2= 14	22	29	S= 12	Q >5	7	T= 1	21-30	24	10	101-150	2	NON-ED 5
	3= 6	8	11	N= 8	S1=2	3	A= 4	31-40	10	5	151-200	1	ED-INST 12
	4= 2	2	4		S3=4	66		41-50	6	6	>200	2	
					S >5	1		> 50	1	10	TOTAL 3531		TOTAL 264
AUTOMATA THEORY	0= 31	20	9	R= 53	Q1=2	2	L= 72	1-10	46	81	1- 50	84	ON: IN-OPT 7
	1= 58	55	66	M= 2	Q3=4	32	R= 12	11-20	18	1	51-100	3	OUT-OPT 15
	2= 8	10	11	S= 23	Q >5	4	T= 0	21-30	15	1	101-150	1	OFF: NON-ED 0
	3= 1	2	1	N= 0	S1=2	3	A= 3	31-40	5	5	151-200	0	ED-INST 5
	4= 0	1	1		S3=4	48		41-50	0	0	>200	0	
					S >5	0		> 50	1	0	TOTAL 1312		TOTAL 27
SIMULATION APPLICATIONS (NON-ECONOMETRIC)	0= 17	16	8	R= 24	Q1=2	0	L= 18	1-10	26	21	1- 50	48	ON: IN-OPT 34
	1= 30	32	36	M= 3	Q3=4	13	R= 36	11-20	16	7	51-100	4	OUT-OPT 41
	2= 6	5	7	S= 16	Q >5	1	T= 0	21-30	5	4	101-150	2	OFF: NON-ED 7
	3= 0	0	1	N= 7	S1=2	3	A= 0	31-70	3	7	151-200	0	ED-INST 0
	4= 1	1	1		S3=4	34		41-50	0	5	>200	0	
					S >5	0		> 50	1	10	TOTAL 1106		TOTAL 75
SIMULATION LANGUAGES AND/OR TECHNIQUES	0= 40	24	10	R= 43	Q1=2	4	L= 50	1-10	52	55	1- 50	89	ON: IN-OPT 72
	1= 46	52	63	M= 2	Q3=4	35	R= 45	11-20	29	12	51-100	9	OUT-OPT 82
	2= 18	16	18	S= 25	Q >5	3	T= 0	21-30	12	11	101-150	0	OFF: NON-ED 0
	3= 8	5	3	N= 10	S1=2	2	A= 1	31-40	4	5	151-200	0	ED-INST 9
	4= 1	2	5		S3=4	54		41-50	1	7	>200	1	
					S >5	0		> 50	1	9	TOTAL 1955		TOTAL 163
ARTIFICIAL INTELLIGENCE (HEURISTIC PROGRAMMING)	0= 27	17		R= 23	Q1=2	1	L= 35	1-10	34	39	1- 50	49	ON: IN-OPT 13
	1= 20	28	38	M= 1	Q3=4	16	R= 14	11-20	9	0	51-100	3	OUT-OPT 16
	2= 1	3	2	S= 14	Q >5	3	T= 0	21-30	8	4	101-150	0	OFF: NON-ED 0
	3= 2	1	3	N= 3	S1=2	2	A= 1	31-40	6	1	151-200	0	ED-INST 0
	4= 2	1	2		S3=4	30		41-50	0	3	>200	0	
					S >5	0		> 50	1	5	TOTAL 598		TOTAL 29

GROUP (PUBLIC)) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE CR OPER	** AC.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUSS) ON AND OFF-CAMPUS	
HYBRID COMPUTERS	0= 11	7	2	A= 11	Q1=2	2	L= 7	1-10	33	15	1- 50	30	ON: IN-OPT 11
	1= 15	19	25	B= 0	Q3=4	19	M= 21	11-20	14	2	51-100	1	OUT-OPT 17
	2= 6	4	3	S= 15	Q >5	0	T= 0	21-30	3	3	101-150	1	OFF: NON-ED 0
	3= 1	1	1	W= 0	S1=2	0	B= 1	31-40	1	7	151-200	0	ED-INST 0
	4= 1	1	1		S3=4	12		41-50	0	1	>200	0	
					S >5	0		> 50	1	2	TOTAL	671	TOTAL 27
DISCRETE STRUCTURES	0= 20	18	2	A= 31	Q1=2	2	L= 34	1-10	24	41	1- 50	44	ON: IN-OPT 0
	1= 19	18	30	B= 3	Q3=4	17	M= 12	11-20	7	3	51-100	4	OUT-OPT 25
	2= 6	12	13	S= 10	Q >5	2	T= 0	21-30	11	0	101-150	0	OFF: NON-ED 0
	3= 2	3	4	W= 2	S1=2	0	B= 0	31-40	4	0	151-200	1	ED-INST 0
	4= 0	0	0		S3=4	24		41-50	3	1	>200	0	
					S >5	2		> 50	0	4	TOTAL	872	TOTAL 31
COMPUTER ORGANIZATION	0= 28	11	6	A= 57	Q1=2	3	L= 37	1-10	27	50	1- 50	68	ON: IN-OPT 42
	1= 39	50	51	B= 6	Q3=4	28	M= 43	11-20	18	15	51-100	9	OUT-OPT 97
	2= 15	13	15	S= 9	Q >5	5	T= 1	21-30	25	10	101-150	2	OFF: NON-ED 1
	3= 3	6	8	W= 2	S1=2	0	B= 3	31-40	11	1	151-200	4	ED-INST 0
	4= 2	5	5		S3=4	50		41-50	3	5	>200	2	
					S >5	1		> 50	1	4	TOTAL	3800	TOTAL 139
SWITCHING THEORY	0= 28	18	9	A= 49	Q1=2	2	L= 58	1-10	33	83	1- 50	66	ON: IN-OPT 8
	1= 41	42	50	B= 1	Q3=4	37	M= 24	11-20	24	3	51-100	13	OUT-OPT 35
	2= 12	14	17	S= 27	Q >5	2	T= 0	21-30	20	2	101-150	5	OFF: NON-ED 0
	3= 7	11	8	W= 2	S1=2	2	B= 1	31-40	8	2	151-200	1	ED-INST 2
	4= 4	3	4		S3=4	43		41-50	6	4	>200	3	
					S >5	1		> 50	1	4	TOTAL	3854	TOTAL 45
SEQUENTIAL MACHINES	0= 5	0	1	A= 8	Q1=2	0	L= 22	1-10	14	23	1- 50	19	ON: IN-OPT 0
	1= 19	17	20	B= 0	Q3=4	15	M= 0	11-20	4	1	51-100	5	OUT-OPT 6
	2= 5	1	1	S= 0	Q >5	0	T= 0	21-30	2	0	101-150	0	OFF: NON-ED 0
	3= 1	1	1	W= 0	S1=2	0	B= 1	31-40	3	0	151-200	0	ED-INST 0
	4= 1	1	1		S3=4	0		41-50	0	0	>200	0	
					S >5	0		> 50	1	1	TOTAL	516	TOTAL 6
COMPILER CONSTRUCTION	0= 47	30	7	A= 61	Q1=2	3	L= 44	1-10	42	56	1- 50	84	ON: IN-OPT 28
	1= 42	55	76	B= 3	Q3=4	44	M= 56	11-20	28	16	51-100	11	OUT-OPT 59
	2= 9	11	13	S= 19	Q >5	4	T= 0	21-30	12	0	101-150	0	OFF: NON-ED 0
	3= 2	0	0	W= 3	S1=2	2	B= 0	31-40	4	4	151-200	1	ED-INST 0
	4= 1	1	1		S3=4	46		41-50	0	2	>200	0	
					S >5	0		> 50	1	15	TOTAL	1877	TOTAL 88
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0= 38	23	12	A= 51	Q1=2	0	L= 57	1-10	34	65	1- 50	76	ON: IN-OPT 20
	1= 42	48	55	B= 0	Q3=4	30	M= 22	11-20	20	4	51-100	5	OUT-OPT 41
	2= 5	8	12	S= 13	Q >5	3	T= 0	21-30	12	4	101-150	1	OFF: NON-ED 0
	3= 1	2	2	W= 5	S1=2	0	B= 1	31-40	4	3	151-200	0	ED-INST 8
	4= 0	1	1		S3=4	49		41-50	1	4	>200	0	
					S >5	0		> 50	1	2	TOTAL	1244	TOTAL 69
[illegible]	1= 27	14	3	A= 52	Q1=2	2	L= 39	1-10	23	67	1- 50	93	ON: IN-OPT 67
	1= 23	24	31	B= 4	Q3=4	21	M= 35	11-20	20	9	51-100	10	OUT-OPT 94
	2= 14	17	25	S= 10	Q >5	3	T= 0	21-30	12	4	101-150	5	OFF: NON-ED 1
	3= 8	12	13	W= 1	S1=2	3	B= 3	31-40	7	0	151-200	4	ED-INST 5
	4= 1	3	3		S3=4	44		41-50	6	3	>200	3	
					S >5	0		> 50	1	8	TOTAL	3521	TOTAL 189
ADVANCED COMPUTER ORGANIZATION	0= 33	10	5	A= 38	Q1=2	0	L= 31	1-10	21	35	1- 50	92	ON: IN-OPT 14
	1= 28	32	33	B= 0	Q3=4	19	M= 15	11-20	12	1	51-100	5	OUT-OPT 21
	2= 5	5	8	S= 5	Q >5	2	T= 0	21-30	10	0	101-150	0	OFF: NON-ED 0
	3= 1	0	1	W= 4	S1=2	3	B= 1	31-40	5	0	151-200	0	ED-INST 0
	4= 0	1	1		S3=4	29		41-50	0	3	>200	1	
					S >5	1		> 50	0	3	TOTAL	1050	TOTAL 35
INFORMATION STORAGE AND RETRIEVAL	0= 21	10	10	A= 23	Q1=2	1	L= 31	1-10	30	33	1- 50	50	ON: IN-OPT 15
	1= 28	28	31	B= 0	Q3=4	19	M= 21	11-20	12	6	51-100	3	OUT-OPT 63
	2= 13	10	9	S= 13	Q >5	3	T= 0	21-30	9	5	101-150	0	OFF: NON-ED 0
	3= 1	2	4	W= 14	S1=2	2	B= 1	31-40	2	1	151-200	1	ED-INST 0
	4= 0	1	1		S3=4	30		41-50	1	2	>200	1	
					S >5	0		> 50	1	6	TOTAL	1190	TOTAL 78
COMPUTER GRAPHICS	0= 15	8	3	A= 9	Q1=2	2	L= 11	1-10	13	15	1- 50	28	ON: IN-OPT 50
	1= 11	15	20	B= 0	Q3=4	9	M= 10	11-20	11	0	51-100	2	OUT-OPT 16
	2= 4	5	5	S= 15	Q >5	1	T= 0	21-30	4	0	101-150	1	OFF: NON-ED 0
	3= 1	1	2	W= 1	S1=2	1	B= 0	31-40	2	2	151-200	0	ED-INST 0
	4= 0	1	1		S3=4	17		41-50	1	1	>200	0	
					S >5	0		> 50	0	5	TOTAL	592	TOTAL 66
COMPUTABILITY	0= 22	11	4	A= 23	Q1=2	0	L= 33	1-10	23	38	1- 50	40	ON: IN-OPT 5
	1= 16	24	29	B= 1	Q3=4	15	M= 7	11-20	7	0	51-100	1	OUT-OPT 3
	2= 3	6	5	S= 7	Q >5	4	T= 0	21-30	8	1	101-150	0	OFF: NON-ED 0
	3= 0	0	0	W= 2	S1=2	0	B= 0	31-40	3	0	151-200	0	ED-INST 0
	4= 0	0	0		S3=4	20		41-50	0	0	>200	0	
					S >5	1		> 50	0	2	TOTAL	452	TOTAL 8
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0= 56	39	23	A= 134	Q1=2	8	L= 113	1-10	85	102	1- 50	211	ON: IN-OPT 295
	1= 143	148	154	B= 15	Q3=4	83	M= 150	11-20	94	29	51-100	37	OUT-OPT 328
	2= 40	49	57	S= 94	Q >5	10	T= 0	21-30	63	35	101-150	10	OFF: NON-ED 6
	3= 18	22	23	W= 14	S1=2	7	B= 0	31-40	15	16	151-200	4	ED-INST 8
	4= 11	10	11		S3=4	159		41-50	5	15	>200	6	
					S >5	1		> 50	0	31	TOTAL	9493	TOTAL 676
ADVANCED NUMERICAL ANALYSIS	0= 52	39	28	A= 80	Q1=2	2	L= 101	1-10	150	109	1- 50	175	ON: IN-OPT 71
	1= 109	115	126	B= 4	Q3=4	68	M= 70	11-20	61	29	51-100	8	OUT-OPT 13
	2= 18	21	22	S= 66	Q >5	12	T= 1	21-30	18	18	101-150	1	OFF: NON-ED 3
	3= 5	4	3	W= 7	S1=2	2	B= 0	31-40	3	3	151-200	1	ED-INST 0
	4= 2	5	5		S3=4	105		41-50	3	11	>200	1	
					S >5	0		> 50	1	14	TOTAL	2694	TOTAL 148
INTRODUCTORY OPERATIONS RESEARCH	0= 25	17	8	A= 44	Q1=2	4	L= 50	1-10	37	65	1- 50	76	ON: IN-OPT 90
	1= 42	49	58	B= 4	Q3=4	43	M= 40	11-20	31	6	51-100	13	OUT-OPT 94
	2= 10	11	10	S= 33	Q >5	8	T= 0	21-30	20	10	101-150	5	OFF: NON-ED 0
	3= 10	11	11	W= 10	S1=2	2	B= 3	31-40	7	6	151-200	4	ED-INST 0
	4= 17	18	17		S3=4	44		41-50	2	3	>200	4	
					S >5	0		> 50	1	8	TOTAL	5262	TOTAL 190
ADVANCED OPERATIONS RESEARCH	0= 13	8	6	A= 23	Q1=2	2	L= 33	1-10	20	34	1- 50	48	ON: IN-OPT 13
	1= 34	38	42	B= 4	Q3=4	18	M= 13	11-20	15	7	51-100	3	OUT-OPT 14
	2= 3	3	7	S= 16	Q >5	2	T= 0	21-30	8	2	101-150	0	OFF: NON-ED 0
	3= 1	2	1	W= 2	S1=2	0	B= 2	31-40	1	1	151-200	0	ED-INST 0
	4= 0	0	1		S3=4	31		41-50	0	1	>200	0	
					S >5	0		> 50	1	3	TOTAL	803	TOTAL 22

GROUP (PUBLIC)) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUSS) ON AND OFF-CAMPUS	
DATA COMMUNICATIONS	0= 10	5	7	R= 15	Q1=2	1	L= 17	1-10	12	20	1- 50	25	ON: IN-OPT	24
	1= 15	19	16	M= 1	Q3=4	12	R= 10	11-20	9	2	51-100	3	OUT-OPT	2
	2= 2	3	6	S= 9	Q >5	2	T= 0	21-30	4	2	101-150	0	OFF: NON-ED	0
	3= 1	1	2	N= 2	S1=2	1	A= 0	31-40	3	2	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	12		41-50	0	2	>200	0		
					S >5	0		> 50	0	0	TOTAL	473	TOTAL	25
PROCESS CONTROL	0= 9	5	1	R= 15	Q1=2	1	L= 12	1-10	14	10	1- 50	31	ON: IN-OPT	5
	1= 17	23	27	M= 0	Q3=4	12	R= 21	11-20	16	5	51-100	2	OUT-OPT	12
	2= 7	5	5	S= 16	Q >5	3	T= 0	21-30	4	2	101-150	1	OFF: NON-ED	3
	3= 1	1	1	N= 2	S1=2	0	A= 2	31-40	0	4	151-200	1	ED-INST	0
	4= 3	1	1		S3=4	17		41-50	0	2	>200	0		
					S >5	0		> 50	1	6	TOTAL	890	TOTAL	19
DATA PREPARATION (KEY PUNCH, VERIFIER, DATA ENTRY,...)	0= 13	7	6	R= 28	Q1=2	7	L= 3	1-10	22	18	1- 50	36	ON: IN-OPT	67
	1= 14	15	18	M= 2	Q3=4	10	R= 58	11-20	27	4	51-100	10	OUT-OPT	14
	2= 14	17	19	S= 6	Q >5	5	T= 1	21-30	13	8	101-150	6	OFF: NON-ED	0
	3= 16	17	14	N= 26	S1=2	18	A= 1	31-40	1	10	151-200	2	ED-INST	0
	4= 8	3	8		S3=4	20		41-50	0	7	>200	8		
					S >5	3		> 50	0	16	TOTAL	5948	TOTAL	81
UNIT RECORD (EAM)	0= 13	21	35	R= 142	Q1=2	2	L= 6	1-10	23	40	1- 50	104	ON: IN-OPT	458
	1= 71	62	56	M= 2	Q3=4	32	R= 184	11-20	95	30	51-100	53	OUT-OPT	93
	2= 54	53	52	S= 4	Q >5	14	T= 0	21-30	61	24	101-150	14	OFF: NON-ED	22
	3= 40	43	39	N= 43	S1=2	20	A= 3	31-40	10	25	151-200	6	ED-INST	6
	4= 15	12	10		S3=4	118		41-50	1	30	>200	17		
					S >5	5		> 50	4	43	TOTAL	14638	TOTAL	577
INTRODUCTORY COURSE IN DATA PROCESSING	0= 50	34	31	R= 225	Q1=2	9	L= 116	1-10	48	263	1- 50	138	ON: IN-OPT	940
	1= 101	100	101	M= 10	Q3=4	83	R= 197	11-20	71	46	51-100	76	OUT-OPT	736
	2= 95	82	78	S= 14	Q >5	28	T= 1	21-30	165	24	101-150	45	OFF: NON-ED	318
	3= 98	107	109	N= 128	S1=2	22	A= 62	31-40	55	18	151-200	31	ED-INST	11
	4= 41	52	58		S3=4	236		41-50	28	13	>200	98		
					S >5	4		> 50	21	21	TOTAL	69035	TOTAL	1699
ADVANCED COURSE IN DATA PROCESSING	0= 18	11	7	R= 44	Q1=2	1	L= 20	1-10	31	47	1- 50	65	ON: IN-OPT	52
	1= 33	37	39	M= 2	Q3=4	25	R= 52	11-20	31	4	51-100	9	OUT-OPT	110
	2= 18	13	13	S= 17	Q >5	8	T= 0	21-30	17	7	101-150	6	OFF: NON-ED	6
	3= 16	17	19	N= 19	S1=2	5	A= 8	31-40	3	6	151-200	3	ED-INST	0
	4= 6	7	7		S3=4	40		41-50	1	8	>200	2		
					S >5	4		> 50	2	15	TOTAL	3742	TOTAL	176
PROBLEM SOLVING COURSE IN BUSINESS APPLICATIONS	0= 50	22	13	R= 123	Q1=2	2	L= 54	1-10	40	103	1- 50	155	ON: IN-OPT	312
	1= 88	98	96	M= 4	Q3=4	61	R= 130	11-20	71	20	51-100	23	OUT-OPT	99
	2= 44	53	61	S= 10	Q >5	19	T= 0	21-30	52	22	101-150	12	OFF: NON-ED	9
	3= 13	18	21	N= 60	S1=2	14	A= 8	31-40	7	14	151-200	2	ED-INST	12
	4= 6	9	10		S3=4	97		41-50	4	12	>200	9		
					S >5	6		> 50	7	30	TOTAL	10278	TOTAL	425
ADVANCED BUSINESS APPLICATIONS (MARKETING, FINANCE, PRODUCTION, ETC.)	0= 20	10	8	R= 43	Q1=2	2	L= 14	1-10	25	45	1- 50	65	ON: IN-OPT	34
	1= 37	40	44	M= 2	Q3=4	24	R= 55	11-20	31	8	51-100	8	OUT-OPT	36
	2= 6	12	13	S= 9	Q >5	5	T= 1	21-30	18	8	101-150	4	OFF: NON-ED	1
	3= 6	6	8	N= 14	S1=2	3	A= 3	31-40	3	3	151-200	0	ED-INST	2
	4= 9	10	5		S3=4	30		41-50	1	5	>200	1		
					S >5	3		> 50	0	9	TOTAL	2650	TOTAL	73
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0= 44	33	30	R= 181	Q1=2	1	L= 84	1-10	61	146	1- 50	176	ON: IN-OPT	221
	1= 110	121	132	M= 4	Q3=4	57	R= 105	11-20	91	24	51-100	28	OUT-OPT	52
	2= 39	47	51	S= 2	Q >5	8	T= 0	21-30	53	13	101-150	7	OFF: NON-ED	7
	3= 13	12	16	N= 29	S1=2	4	A= 25	31-40	11	11	151-200	2	ED-INST	1
	4= 6	9	10		S3=4	145		41-50	1	13	>200	7		
					S >5	4		> 50	1	13	TOTAL	8357	TOTAL	280
LARGE SCALE INFORMATION PROCESSING SYSTEMS	0= 8	8	3	R= 12	Q1=2	1	L= 15	1-10	13	19	1- 50	24	ON: IN-OPT	20
	1= 14	14	15	M= 0	Q3=4	8	R= 8	11-20	11	2	51-100	2	OUT-OPT	4
	2= 3	3	3	S= 9	Q >5	1	T= 0	21-30	2	1	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 1	S1=2	0	A= 2	31-40	0	1	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	16		41-50	0	1	>200	0		
					S >5	0		> 50	0	2	TOTAL	356	TOTAL	23
FILE ORGANIZATION	0= 7	5	0	R= 12	Q1=2	0	L= 4	1-10	5	7	1- 50	16	ON: IN-OPT	18
	1= 7	7	11	M= 2	Q3=4	11	R= 13	11-20	8	5	51-100	1	OUT-OPT	18
	2= 3	5	5	S= 2	Q >5	1	T= 0	21-30	5	1	101-150	0	OFF: NON-ED	0
	3= 0	0	1	N= 1	S1=2	1	A= 0	31-40	0	3	151-200	0	ED-INST	0
	4= 1	1	1		S3=4	5		41-50	0	0	>200	1		
					S >5	0		> 50	0	2	TOTAL	480	TOTAL	36
DATA BASE MANAGEMENT	0= 5	5	2	R= 9	Q1=2	0	L= 7	1-10	7	10	1- 50	13	ON: IN-OPT	2
	1= 6	8	9	M= 0	Q3=4	2	R= 3	11-20	2	1	51-100	0	OUT-OPT	21
	2= 2	0	2	S= 0	Q >5	3	T= 0	21-30	3	0	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 3	S1=2	0	A= 1	31-40	1	1	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	9		41-50	0	2	>200	1		
					S >5	0		> 50	1	0	TOTAL	602	TOTAL	23
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0= 38	16	7	R= 93	Q1=2	1	L= 40	1-10	42	77	1- 50	96	ON: IN-OPT	84
	1= 49	61	64	M= 1	Q3=4	34	R= 66	11-20	44	7	51-100	13	OUT-OPT	31
	2= 21	23	29	S= 14	Q >5	8	T= 0	21-30	24	10	101-150	4	OFF: NON-ED	1
	3= 12	13	12	N= 11	S1=2	4	A= 6	31-40	3	6	151-200	3	ED-INST	3
	4= 2	3	4		S3=4	66		41-50	2	7	>200	0		
					S >5	2		> 50	1	9	TOTAL	3709	TOTAL	121
INFORMATION SYSTEMS DESIGN (ADVANCED)	0= 21	10	1	R= 58	Q1=2	1	L= 32	1-10	40	49	1- 50	66	ON: IN-OPT	6.
	1= 48	48	56	M= 0	Q3=4	19	R= 40	11-20	25	5	51-100	9	OUT-OPT	16
	2= 9	12	10	S= 9	Q >5	6	T= 0	21-30	8	6	101-150	1	OFF: NON-ED	0
	3= 3	5	7	N= 8	S1=2	1	A= 2	31-40	2	3	151-200	0	ED-INST	1
	4= 1	1	2		S3=4	37		41-50	1	9	>200	0		
					S >5	0		> 50	0	4	TOTAL	1799	TOTAL	40
MANAGEMENT INFORMATION SYSTEMS	0= 23	17	4	R= 35	Q1=2	3	L= 29	1-10	30	47	1- 50	58	ON: IN-OPT	42
	1= 28	32	36	M= 4	Q3=4	20	R= 35	11-20	22	3	51-100	8	OUT-OPT	38
	2= 16	15	22	S= 10	Q >5	4	T= 0	21-30	15	10	101-150	5	OFF: NON-ED	1
	3= 6	6	6	N= 17	S1=2	4	A= 1	31-40	2	2	151-200	1	ED-INST	11
	4= 3	4	4		S3=4	41		41-50	1	8	>200	0		
					S >5	0		> 50	2	4	TOTAL	2070	TOTAL	93
MANAGEMENT OF COMPUTER CENTERS OF INFORMATION PROCESSING DEPARTMENTS	0= 19	10	2	R= 37	Q1=2	2	L= 17	1-10	41	30	1- 50	41	ON: IN-OPT	33
	1= 19	26	31	M= 0	Q3=4	8	R= 27	11-20	12	10	51-100	3	OUT-OPT	6
	2= 6	5	8	S= 3	Q >5	8	T= 0	21-30	8	0	101-150	0	OFF: NON-ED	0
	3= 0	2	2	N= 3	S1=2	6	A= 0	31-40	2	0	151-200	0	ED-INST	1
	4= 1	2	2		S3=4	21		41-50	1	0	>200	1		
					S >5	0		> 50	1	5	TOTAL	1180	TOTAL	40

GROUP (PUBLIC)) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS$) ON AND OFF-CAMPUS	
COMPUTERS AND ACCOUNTING (INCLUDING AUDITING)	0= 11	8	4	R= 12	Q1-2	0	L= 13	1-10	13	29	1- 50	27	ON: IN-OPT	17
	1= 16	18	20	N= 3	Q3-4	13	R= 18	11-20	10	3	51-100	4	OUT-OPT	7
	2= 6	4	6	S= 1	Q >5	0	T= 0	21-30	9	1	101-150	1	OFF: NON-ED	0
	3= 2	3	3	N= 16	S1-2	2	A= 0	31-40	1	2	151-200	0	ED-INST	0
	4= 1	1	1		S3-4	18		41-50	0	1	>200	2		
					S >5	0		> 50	1	3	TOTAL	2084	TOTAL	23
ECONOMETRIC SIMULATION APPLICATIONS	0= 7	4	0	R= 6	Q1-2	0	L= 9	1-10	10	14	1- 50	16	ON: IN-OPT	8
	1= 9	12	14	N= 0	Q3-4	11	R= 10	11-20	6	0	51-100	2	OUT-OPT	5
	2= 3	1	3	S= 5	Q >5	0	T= 0	21-30	1	2	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 8	S1-2	1	A= 0	31-40	1	1	151-200	0	ED-INST	1
	4= 1	1	1		S3-4	7		41-50	1	1	>200	1		
					S >5	0		> 50	0	1	TOTAL	1013	TOTAL	14
OTHER	0= 10	126	71	R= 326	Q1-2	50	L= 325	1-10	389	492	1- 50	591	ON: IN-OPT	199
	1= 257	299	324	N= 16	Q3-4	191	R= 259	11-20	159	34	51-100	50	OUT-OPT	505
	2= 89	113	125	S= 138	Q >5	20	T= 0	21-30	92	32	101-150	18	OFF: NON-ED	14
	3= 69	79	92	N= 74	S1-2	65	A= 19	31-40	18	17	151-200	9	ED-INST	17
	4= 48	56	61		S3-4	319		41-50	13	23	>200	6		
					S >5	16		> 50	3	76	TOTAL	15993	TOTAL	735
DESCRIPTION NOT CODED	0= 17	9	8	R= 15	Q1-2	1	L= 9	1-10	12	41	1- 50	27	ON: IN-OPT	21
	1= 22	26	25	N= 0	Q3-4	13	R= 14	11-20	16	2	51-100	17	OUT-OPT	11
	2= 7	8	10	S= 8	Q >5	1	T= 0	21-30	24	1	101-150	4	OFF: NON-ED	1
	3= 3	6	6	N= 4	S1-2	3	A= 5	31-40	0	0	151-200	2	ED-INST	0
	4= 0	4	4		S3-4	25		41-50	1	1	>200	3		
					S >5	2		> 50	0	8	TOTAL	3582	TOTAL	33

SUMMARY BY COURSE TYPE

GROUP (PRIVATE)

COURSE DESCRIPTION		NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE CR OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ	COST COMPUTER SVCS 1969-70 (THOUS$) ON AND OFF-CAMPUS	
COMPUTER APPRECIATION	0=	17	8	3	A= 12	Q1-2	1	L= 19	1-10	13	44	1- 50	36	ON: IN-OPT	47
	1=	26	32	35	M= 2	Q3-4	8	R= 38	11-20	15	8	51-100	13	OUT-OPT	34
	2=	11	11	15	S= 6	Q >5	3	T= 1	21-30	42	7	101-150	5	OFF: NON-ED	0
	3=	8	7	7	N= 40	S1-2	6	A= 3	31-40	6	1	151-200	4	ED-INST	0
	4=	0	2	2		S3-4	39		41-50	0	2	>200	4		
						S >5	1		> 50	6	4	TOTAL	4029	TOTAL	90
PROBLEM SOLVING COURSE IN THE HUMANITIES	0=	18	5	5	A= 3	Q1-2	1	L= 6	1-10	10	12	1- 50	36	ON: IN-OPT	4
	1=	22	32	31	M= 1	Q3-4	1	R= 33	11-20	15	4	51-100	3	OUT-OPT	98
	2=	4	3	3	S= 4	Q >5	1	T= 0	21-30	9	8	101-150	1	OFF: NON-ED	2
	3=	1	1	2	N= 33	S1-2	3	A= 0	31-40	1	2	151-200	1	ED-INST	0
	4=	0	0	0		S3-4	38		41-50	0	7	>200	0		
						S >5	0		> 50	2	8	TOTA	962	TOTAL	105
INTRODUCTORY COURSE IN SOME CHAPTER LANGUAGE SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0=	58	18	16	A= 57	Q1-2	8	L= 32	1-10	54	91	1- 50	171	ON: IN-OPT	476
	1=	79	99	83	M= 7	Q3-4	40	R= 248	11-20	84	70	51-100	50	OUT-OPT	413
	2=	87	95	97	S= 118	Q >5	9	T= 2	21-30	56	45	101-150	27	OFF: NON-ED	123
	3=	55	58	58	N= 104	S1-2	80	A= 6	31-40	32	28	151-200	20	ED-INST	95
	4=	21	26	33		S3-4	147		41-50	15	33	>200	27		
						S >5	2		> 50	14	30	TOTAL	23150	TOTAL	1123
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0=	18	5	6	A= 18	Q1-2	1	L= 16	1-10	12	20	1- 50	45	ON: IN-OPT	49
	1=	30	37	36	M= 1	Q3-4	15	R= 49	11-20	18	13	51-100	8	OUT-OPT	63
	2=	8	9	8	S= 7	Q >5	0	T= 0	21-30	24	4	101-150	2	OFF: NON-ED	3
	3=	5	7	7	N= 31	S1-2	8	A= 1	31-40	5	9	151-200	4	ED-INST	11
	4=	1	2	3		S3-4	38		41-50	0	5	>200	1		
						S >5	0		> 50	1	9	TOTAL	2350	TOTAL	126
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0=	20	7	9	A= 16	Q1-2	3	L= 28	1-10	34	61	1- 50	82	ON: IN-OPT	148
	1=	54	61	58	M= 1	Q3-4	12	R= 70	11-20	39	11	51-100	14	OUT-OPT	125
	2=	19	22	22	S= 69	Q >5	0	T= 0	21-30	17	6	101-150	1	OFF: NON-ED	3
	3=	6	7	6	N= 14	S1-2	15	A= 2	31-40	6	4	151-200	3	ED-INST	15
	4=	3	5	5		S3-4	69		41-50	2	10	>200	2		
						S >5	1		> 50	2	10	TOTAL	3438	TOTAL	293
INTRODUCTORY COURSE IN PROGRAMMING	0=	32	20	13	A= 42	Q1-2	6	L= 35	1-10	33	75	1- 50	100	ON: IN-OPT	229
	1=	58	66	64	M= 7	Q3-4	20	R= 142	11-20	52	29	51-100	39	OUT-OPT	240
	2=	51	53	57	S= 60	Q >5	4	T= 0	21-30	67	30	101-150	22	OFF: NON-ED	42
	3=	31	32	38	N= 72	S1-2	24	A= 6	31-40	18	7	151-200	1	ED-INST	26
	4=	10	11	10		S3-4	125		41-50	2	25	>200	21		
						S >5	2		> 50	11	17	TOTAL	16245	TOTAL	562
ADVANCED COURSE IN PROGRAMMING	0=	42	26	12	A= 40	Q1-2	2	L= 30	1-10	51	57	1- 50	115	ON: IN-OPT	101
	1=	68	76	80	M= 6	Q3-4	17	R= 107	11-20	40	16	51-100	13	OUT-OPT	115
	2=	18	19	26	S= 41	Q >5	3	T= 0	21-30	32	16	101-150	7	OFF: NON-ED	11
	3=	11	16	16	N= 26	S1-2	10	A= 1	31-40	9	16	151-200	3	ED-INST	11
	4=	5	3	5		S3-4	101		41-50	3	13	>200	2		
						S >5	3		> 50	1	18	TOTAL	4594	TOTAL	331
FIRST COURSE IN COMPUTER DESIGN	0=	16	5	4	A= 20	Q1-2	0	L= 18	1-10	16	21	1- 50	33	ON: IN-OPT	43
	1=	17	20	24	M= 2	Q3-4	9	R= 27	11-20	14	4	51-100	7	OUT-OPT	5
	2=	7	8	8	S= 21	Q >5	1	T= 0	21-30	8	4	101-150	1	OFF: NON-ED	1
	3=	2	4	3	N= 3	S1-2	2	A= 1	31-40	3	1	151-200	3	ED-INST	0
	4=	4	3	5		S3-4	34		41-50	2	4	>200	2		
						S >5	0		> 50	3	12	TOTAL	2260	TOTAL	38
ADVANCED COURSE IN COMPUTER DESIGN (COMPUTER ARCHITECTURE)	0=	7	6	0	A= 17	Q1-2	0	L= 18	1-10	10	19	1- 50	23	ON: IN-OPT	14
	1=	11	12	18	M= 2	Q3-4	7	R= 11	11-20	10	6	51-100	6	OUT-OPT	6
	2=	11	11	10	S= 7	Q >5	1	T= 0	21-30	6	1	101-150	0	OFF: NON-ED	0
	3=	1	1	2	N= 0	S1-2	1	A= 0	31-40	0	1	151-200	1	ED-INST	0
	4=	0	0	0		S3-4	21		41-50	3	0	>200	0		
						S >5	0		> 50	1	3	TOTAL	1085	TOTAL	29
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0=	18	11	8	A= 16	Q1-2	2	L= 17	1-10	28	34	1- 50	50	ON: IN-OPT	14
	1=	33	38	36	M= 10	Q3-4	11	R= 40	11-20	12	7	51-100	7	OUT-OPT	22
	2=	1	1	2	S= 22	Q >5	0	T= 1	21-30	10	6	101-150	2	OFF: NON-ED	3
	3=	8	8	10	N= 10	S1-2	0	A= 1	31-40	5	3	151-200	0	ED-INST	20
	4=	0	0	1		S3-4	46		41-50	2	1	>200	1		
						S >5	0		> 50	1	7	TOTAL	1703	TOTAL	59
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0=	17	13	8	A= 42	Q1-2	2	L= 26	1-10	15	36	1- 50	53	ON: IN-OPT	44
	1=	37	41	43	M= 6	Q3-4	13	R= 44	11-20	25	11	51-100	18	OUT-OPT	85
	2=	10	10	12	S= 15	Q >5	2	T= 3	21-30	19	14	101-150	3	OFF: NON-ED	1
	3=	10	10	12	N= 7	S1-2	3	A= 2	31-40	5	4	151-200	1	ED-INST	7
	4=	1	1	0		S3-4	55		41-50	1	2	>200	0		
						S >5	0		> 50	6	8	TOTAL	2675	TOTAL	137
DATA STRUCTURES	0=	15	16	5	A= 17	Q1-2	1	L= 20	1-10	22	28	1- 50	33	ON: IN-OPT	10
	1=	18	16	26	M= 5	Q3-4	4	R= 16	11-20	7	3	51-100	1	OUT-OPT	18
	2=	1	3	2	S= 8	Q >5	1	T= 0	21-30	3	5	101-150	2	OFF: NON-ED	-1
	3=	2	1	3	N= 6	S1-2	1	A= 0	31-40	3	1	151-200	0	ED-INST	0
	4=	0	0	0		S3-4	28		41-50	1	0	>200	0		
						S >5	0		> 50	0	3	TOTAL	659	TOTAL	30
AUTOMATA THEORY	0=	15	13	11	A= 22	Q1-2	2	L= 35	1-10	21	36	1- 50	40	ON: IN-OPT	1
	1=	24	26	27	M= 3	Q3-4	5	R= 7	11-20	13	3	51-100	2	OUT-OPT	6
	2=	3	3	4	S= 8	Q >5	2	T= 0	21-30	6	4	101-150	0	OFF: NON-ED	0
	3=	0	0	0	N= 2	S1-2	4	A= 0	31-40	3	0	151-200	0	ED-INST	4
	4=	1	1	1		S3-4	30		41-50	0	0	>200	1		
						S >5	0		> 50	0	0	TOTAL	809	TOTAL	11
SIMULATION APPLICATIONS (NON-ECONOMETRIC)	0=	4	2	2	A= 5	Q1-2	1	L= 8	1-10	9	15	1- 50	16	ON: IN-OPT	42
	1=	10	11	10	M= 0	Q3-4	2	R= 12	11-20	7	3	51-100	2	OUT-OPT	20
	2=	2	3	2	S= 6	Q >5	2	T= 0	21-30	3	1	101-150	1	OFF: NON-ED	1
	3=	2	2	3	N= 7	S1-2	0	A= 1	31-40	2	0	151-200	1	ED-INST	2
	4=	3	3	4		S3-4	18		41-50	0	0	>200	1		
						S >5	0		> 50	0	2	TOTAL	886	TOTAL	55
SIMULATION LANGUAGES AND/OR TECHNIQUES	0=	11	14	7	A= 17	Q1-2	0	L= 8	1-10	21	16	1- 50	30	ON: IN-OPT	18
	1=	16	16	18	M= 1	Q3-4	3	R= 25	11-20	8	10	51-100	4	OUT-OPT	6
	2=	6	5	7	S= 9	Q >5	0	T= 1	21-30	5	1	101-150	1	OFF: NON-ED	0
	3=	2	2	3	N= 7	S1-2	0	A= 1	31-40	0	2	151-200	0	ED-INST	5
	4=	0	0	0		S3-4	32		41-50	0	2	>200	0		
						S >5	0		> 50	1	4	TOTAL	639	TOTAL	29
ARTIFICIAL INTELLIGENCE (HEURISTIC PROGRAMMING)	0=	5	3	4	A= 14	Q1-2	1	L= 17	1-10	6	17	1- 50	18	ON: IN-OPT	18
	1=	17	16	16	M= 1	Q3-4	4	R= 8	11-20	7	2	51-100	4	OUT-OPT	18
	2=	3	5	5	S= 2	Q >5	0	T= 0	21-30	5	0	101-150	3	OFF: NON-ED	0
	3=	0	1	0	N= 0	S1-2	1	A= 0	31-40	2	4	151-200	0	ED-INST	0
	4=	0	0	0		S3-4	19		41-50	0	1	>200	0		
						S >5	0		> 50	5	1	TOTAL	881	TOTAL	35

GROUP (PRIVATE)) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUSS) ON AND OFF-CAMPUS	
HYBRID COMPUTERS	0= 5	3	2	R= 5	Q1-2	0	L= 4	1-10	6	7	1- 50	13	ON: IN-OPT	21
	1= 7	9	6	M= 1	Q3-4	2	M= 10	11-20	5	4	51-100	1	OUT-OPT	1
	2= 2	1	2	S= 7	Q >5	1	T= 0	21-30	2	2	101-150	0	OFF: NON-ED	0
	3= 0	1	1	A= 0	S1-2	0	A= 0	31-40	1	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	11		41-50	0	0	>200	0		
					S >5	0		> 50	0	1	TOTAL	325	TOTAL	22
DISCRETE STRUCTURES	0= 8	3	1	R= 14	Q1-2	1	L= 10	1-10	10	17	1- 50	19	ON: IN-OPT	7
	1= 11	17	17	M= 3	Q3-4	3	M= 8	11-20	2	3	51-100	2	OUT-OPT	1
	2= 2	1	2	S= 3	Q >5	0	T= 0	21-30	4	1	101-150	0	OFF: NON-ED	1
	3= 1	1	2	A= 1	S1-2	1	A= 0	31-40	2	0	151-200	1	ED-INST	0
	4= 0	0	0		S3-4	17		41-50	2	0	>200	0		
					S >5	0		> 50	0	1	TOTAL	569	TOTAL	9
COMPUTER ORGANIZATION	0= 13	4	3	R= 17	Q1-2	2	L= 14	1-10	15	24	1- 50	33	ON: IN-OPT	9
	1= 22	29	30	M= 4	Q3-4	6	M= 23	11-20	6	5	51-100	2	OUT-OPT	15
	2= 2	4	3	S= 6	Q >5	2	T= 1	21-30	8	5	101-150	1	OFF: NON-ED	1
	3= 1	1	2	A= 5	S1-2	3	A= 0	31-40	2	0	151-200	2	ED-INST	4
	4= 1	1	1		S3-4	26		41-50	3	3	>200	1		
					S >5	0		> 50	2	2	TOTAL	1496	TOTAL	28
SWITCHING THEORY	0= 5	5	1	R= 17	Q1-2	1	L= 23	1-10	10	27	1- 50	21	ON: IN-OPT	3
	1= 19	20	21	M= 1	Q3-4	5	M= 9	11-20	7	2	51-100	7	OUT-OPT	0
	2= 4	3	4	S= 4	Q >5	1	T= 0	21-30	4	1	101-150	4	OFF: NON-ED	0
	3= 4	4	4	A= 1	S1-2	4	A= 0	31-40	4	0	151-200	1	ED-INST	0
	4= 1	1	1		S3-4	21		41-50	5	1	>200	0		
					S >5	0		> 50	1	2	TOTAL	1565	TOTAL	4
SEQUENTIAL MACHINES	0= 3	0	2	R= 5	Q1-2	0	L= 12	1-10	2	12	1- 50	10	ON: IN-OPT	0
	1= 5	9	7	M= 2	Q3-4	1	M= 0	11-20	7	0	51-100	2	OUT-OPT	5
	2= 3	2	2	S= 4	Q >5	0	T= 0	21-30	2	0	101-150	0	OFF: NON-ED	0
	3= 1	1	1	A= 0	S1-2	0	A= 0	31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	11		41-50	1	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	344	TOTAL	5
COMPILER CONSTRUCTION	0= 7	2	2	R= 22	Q1-2	0	L= 17	1-10	10	17	1- 50	29	ON: IN-OPT	21
	1= 23	26	26	M= 2	Q3-4	6	M= 17	11-20	8	7	51-100	4	OUT-OPT	34
	2= 8	6	4	S= 7	Q >5	0	T= 0	21-30	5	6	101-150	1	OFF: NON-ED	0
	3= 2	0	2	A= 1	S1-2	1	A= 0	31-40	4	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	27		41-50	3	1	>200	0		
					S >5	0		> 50	2	3	TOTAL	1003	TOTAL	55
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0= 8	8	3	R= 15	Q1-2	1	L= 17	1-10	13	20	1- 50	25	ON: IN-OPT	1
	1= 19	15	20	M= 0	Q3-4	1	M= 8	11-20	5	2	51-100	0	OUT-OPT	6
	2= 2	2	2	S= 2	Q >5	2	T= 0	21-30	4	3	101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 6	S1-2	1	A= 0	31-40	2	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	26		41-50	1	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	437	TOTAL	7
INTRODUCTORY COMPUTER ORGANIZATION	0= 7	4	0	R= 9	Q1-2	0	L= 10	1-10	6	12	1- 50	17	ON: IN-OPT	2
	1= 8	9	14	M= 2	Q3-4	3	M= 10	11-20	6	1	51-100	3	OUT-OPT	6
	2= 5	7	6	S= 6	Q >5	1	T= 1	21-30	6	4	101-150	0	OFF: NON-ED	0
	3= 2	2	2	A= 4	S1-2	1	A= 1	31-40	1	3	151-200	2	ED-INST	0
	4= 0	0	0		S3-4	17		41-50	1	0	>200	0		
					S >5	0		> 50	2	2	TOTAL	798	TOTAL	8
ADVANCED COMPUTER ORGANIZATION	0= 8	4	1	R= 10	Q1-2	0	L= 14	1-10	8	19	1- 50	18	ON: IN-OPT	3
	1= 18	15	18	M= 3	Q3-4	3	M= 3	11-20	5	1	51-100	1	OUT-OPT	5
	2= 0	1	1	S= 2	Q >5	0	T= 1	21-30	4	0	101-150	1	OFF: NON-ED	0
	3= 1	1	1	A= 2	S1-2	1	A= 1	31-40	2	0	151-200	1	ED-INST	0
	4= 0	0	0		S3-4	17		41-50	1	0	>200	0		
					S >5	0		> 50	1	1	TOTAL	688	TOTAL	8
INFORMATION STORAGE AND RETRIEVAL	0= 1	3	4	R= 9	Q1-2	0	L= 12	1-10	10	14	1- 50	19	ON: IN-OPT	5
	1= 18	18	15	M= 2	Q3-4	0	M= 7	11-20	7	2	51-100	2	OUT-OPT	4
	2= 0	0	0	S= 3	Q >5	0	T= 1	21-30	3	2	101-150	0	OFF: NON-ED	0
	3= 2	2	2	A= 7	S1-2	1	A= 1	31-40	0	2	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	20		41-50	0	0	>200	0		
					S >5	0		> 50	1	1	TOTAL	359	TOTAL	9
COMPUTER GRAPHICS	0= 4	4	1	R= 4	Q1-2	0	L= 7	1-10	6	9	1- 50	14	ON: IN-OPT	19
	1= 11	10	13	M= 3	Q3-4	1	M= 8	11-20	4	3	51-100	1	OUT-OPT	8
	2= 0	0	0	S= 2	Q >5	0	T= 0	21-30	2	3	101-150	0	OFF: NON-ED	0
	3= 0	1	1	A= 2	S1-2	1	A= 0	31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	13		41-50	1	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	259	TOTAL	27
COMPUTABILITY	0= 0	3	1	R= 10	Q1-2	1	L= 13	1-10	5	15	1- 50	15	ON: IN-OPT	4
	1= 13	8	9	M= 0	Q3-4	3	M= 3	11-20	7	0	51-100	2	OUT-OPT	1
	2= 4	5	6	S= 7	Q >5	1	T= 1	21-30	2	0	101-150	0	OFF: NON-ED	0
	3= 0	1	1	A= 0	S1-2	0	A= 0	31-40	2	1	151-200	0	ED-INST	2
	4= 0	0	0		S3-4	11		41-50	0	0	>200	0		
					S >5	1		> 50	1	1	TOTAL	406	TOTAL	6
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0= 37	24	18	R= 39	Q1-2	2	L= 47	1-10	48	64	1- 50	123	ON: IN-OPT	22
	1= 79	89	92	M= 12	Q3-4	24	M= 87	11-20	47	21	51-100	10	OUT-OPT	79
	2= 16	20	23	S= 68	Q >5	5	T= 1	21-30	27	19	101-150	3	OFF: NON-ED	7
	3= 4	3	3	A= 11	S1-2	6	A= 0	31-40	9	9	151-200	0	ED-INST	10
	4= 1	1	1		S3-4	97		41-50	2	11	>200	1		
					S >5	1		> 50	4	13	TOTAL	3389	TOTAL	120
ADVANCED NUMERICAL ANALYSIS	0= 17	13	17	R= 35	Q1-2	2	L= 65	1-10	41	55	1- 50	79	ON: IN-OPT	10
	1= 58	60	57	M= 4	Q3-4	21	M= 37	11-20	23	6	51-100	4	OUT-OPT	37
	2= 6	8	7	S= 30	Q >5	1	T= 2	21-30	15	9	101-150	0	OFF: NON-ED	13
	3= 2	2	2	A= 5	S1-2	7	A= 0	31-40	3	2	151-200	1	ED-INST	8
	4= 0	0	0		S3-4	53		41-50	1	8	>200	0		
					S >5	0		> 50	1	4	TOTAL	1493	TOTAL	69
INTRODUCTORY OPERATIONS RESEARCH	0= 5	3	1	R= 15	Q1-2	0	L= 13	1-10	8	28	1- 50	25	ON: IN-OPT	11
	1= 12	16	15	M= 0	Q3-4	3	M= 12	11-20	11	1	51-100	9	OUT-OPT	11
	2= 17	15	19	S= 17	Q >5	3	T= 2	21-30	11	3	101-150	1	OFF: NON-ED	1
	3= 2	1	1	A= 4	S1-2	3	A= 2	31-40	3	3	151-200	1	ED-INST	4
	4= 0	1	0		S3-4	25		41-50	0	1	>200	0		
					S >5	2		> 50	3	2	TOTAL	1425	TOTAL	27
ADVANCED OPERATIONS RESEARCH	0= 4	8	5	R= 9	Q1-2	0	L= 15	1-10	14	22	1- 50	23	ON: IN-OPT	6
	1= 14	10	14	M= 0	Q3-4	0	M= 6	11-20	9	0	51-100	3	OUT-OPT	1
	2= 5	5	4	S= 13	Q >5	1	T= 1	21-30	3	2	101-150	0	OFF: NON-ED	0
	3= 3	3	3	A= 4	S1-2	0	A= 4	31-40	0	1	151-200	0	ED-INST	2
	4= 0	0	0		S3-4	25		41-50	0	0	>200	0		
					S >5	0		> 50	0	1	TOTAL	504	TOTAL	10

GROUP (PRIVATE)) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	** AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUSD) ON AND OFF-CAMPUS
DATA COMMUNICATIONS	0= 2	0	0	R= 6	Q1-2	0	L= 8	1-10	7	12	1- 50	12	ON: IN-OPT 4
	1= 9	11	10	M= 2	Q3-4	2	R= 7	11-20	9	0	51-100	3	OUT-OPT 3
	2= 2	2	3	S= 5	Q >5	0	T= 0	21-30	2	1	101-150	1	OFF: NON-ED 0
	3= 3	3	2	A= 3	S1-2	0	A= 1	31-40	2	1	151-200	0	ED-INST 0
	4= 8	0	1		S3-4	11		41-50	0	0	>200	0	
					S >5	1		> 50	1	2	TOTAL	473	TOTAL 7
PROCESS CONTROL	0= 0	0	0	R= 3	Q1-2	0	L= 1	1-10	1	4	1- 50	4	ON: IN-OPT 0
	1= 4	4	4	M= 1	Q3-4	0	R= 3	11-20	3	0	51-100	0	OUT-OPT 0
	2= 0	0	0	S= 0	Q >5	0	T= 0	21-30	0	0	101-150	0	OFF: NON-ED 0
	3= 0	0	0	A= 0	S1-2	0	A= 0	31-40	0	0	151-200	0	ED-INST 0
	4= 0	0	0		S3-4	4		41-50	0	0	>200	0	
					S >5	0		> 50	0	0	TOTAL	69	TOTAL 0
DATA PREPARATION (KEY PUNCH, VERIFIER, DATA ENTRY,...)	0= 0	0	0	R= 3	Q1-2	1	L= 0	1-10	4	0	1- 50	1	ON: IN-OPT 0
	1= 3	2	2	M= 0	Q3-4	3	R= 4	11-20	0	1	51-100	1	OUT-OPT 0
	2= 0	1	1	S= 0	Q >5	0	T= 0	21-30	0	2	101-150	2	OFF: NON-ED 0
	3= 0	0	0	A= 1	S1-2	0	A= 0	31-40	0	1	151-200	0	ED-INST 0
	4= 1	1	1		S3-4	0		41-50	0	0	>200	0	
					S >5	0		> 50	0	0	TOTAL	410	TOTAL 0
UNIT RECORD (EAM)	0= 0	2	2	R= 2	Q1-2	0	L= 0	1-10	0	1	1- 50	2	ON: IN-OPT 7
	1= 3	1	1	M= 0	Q3-4	1	R= 4	11-20	1	0	51-100	1	OUT-OPT 0
	2= 0	0	0	S= 0	Q >5	0	T= 0	21-30	2	1	101-150	1	OFF: NON-ED 0
	3= 1	1	1	A= 1	S1-2	1	A= 0	31-40	1	1	151-200	0	ED-INST 18
	4= 0	0	0		S3-4	2		41-50	0	0	>200	0	
					S >5	0		> 50	0	1	TOTAL	251	TOTAL 25
INTRODUCTORY COURSE IN DATA PROCESSING	0= 10	13	12	R= 21	Q1-2	2	L= 27	1-10	15	61	1- 50	50	ON: IN-OPT 31
	1= 39	36	35	M= 2	Q3-4	15	R= 40	11-20	17	17	51-100	25	OUT-OPT 67
	2= 22	21	24	S= 9	Q >5	1	T= 0	21-30	40	4	101-150	8	OFF: NON-ED 6
	3= 19	19	16	A= 63	S1-2	4	A= 9	31-40	26	3	151-200	4	ED-INST 5
	4= 7	8	9		S3-4	68		41-50	2	10	>200	10	
					S >5	0		> 50	3	4	TOTAL	8503	TOTAL 108
ADVANCED COURSE IN DATA PROCESSING	0= 4	3	1	R= 17	Q1-2	1	L= 7	1-10	5	15	1- 50	16	ON: IN-OPT 18
	1= 9	10	10	M= 1	Q3-4	7	R= 15	11-20	9	2	51-100	4	OUT-OPT 4
	2= 5	3	5	S= 1	Q >5	0	T= 0	21-30	7	2	101-150	1	OFF: NON-ED 1
	3= 4	4	4	A= 5	S1-2	0	A= 2	31-40	3	3	151-200	2	ED-INST 0
	4= 2	4	4		S3-4	15		41-50	0	2	>200	1	
					S >5	0		> 50	0	0	TOTAL	1657	TOTAL 22
PROBLEM SOLVING COURSE IN BUSINESS APPLICATIONS	0= 6	4	1	R= 6	Q1-2	1	L= 3	1-10	5	13	1- 50	18	ON: IN-OPT 38
	1= 11	10	14	M= 2	Q3-4	3	R= 18	11-20	9	7	51-100	4	OUT-OPT 13
	2= 3	5	4	S= 6	Q >5	4	T= 0	21-30	8	4	101-150	1	OFF: NON-ED 0
	3= 5	5	5	A= 11	S1-2	0	A= 3	31-40	3	0	151-200	0	ED-INST 12
	4= 2	3	3		S3-4	15		41-50	1	2	>200	4	
					S >5	1		> 50	1	1	TOTAL	1934	TOTAL 63
ADVANCED BUSINESS APPLICATIONS (MARKETING, FINANCE, PRODUCTION, ETC.)	0= 1	2	0	R= 5	Q1-2	0	L= 3	1-10	3	14	1- 50	12	ON: IN-OPT 20
	1= 10	8	9	M= 0	Q3-4	0	R= 12	11-20	5	3	51-100	2	OUT-OPT 0
	2= 4	5	6	S= 1	Q >5	5	T= 1	21-30	3	0	101-150	0	OFF: NON-ED 0
	3= 2	2	2	A= 11	S1-2	1	A= 1	31-40	6	0	151-200	2	ED-INST 3
	4= 0	0	0		S3-4	10		41-50	0	0	>200	1	
					S >5	0		> 50	0	0	TOTAL	1102	TOTAL 24
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0= 4	3	2	R= 15	Q1-2	2	L= 18	1-10	7	28	1- 50	28	ON: IN-OPT 10
	1= 20	20	19	M= 2	Q3-4	8	R= 14	11-20	12	2	51-100	7	OUT-OPT 6
	2= 8	8	9	S= 6	Q >5	1	T= 1	21-30	13	2	101-150	2	OFF: NON-ED 2
	3= 5	6	7	A= 15	S1-2	2	A= 3	31-40	3	2	151-200	0	ED-INST 0
	4= 1	1	1		S3-4	28		41-50	1	2	>200	1	
					S >5	1		> 50	2	2	TOTAL	1630	TOTAL 18
LARGE SCALE INFORMATION PROCESSING SYSTEMS	0= 3	1	1	R= 3	Q1-2	1	L= 3	1-10	2	5	1- 50	6	ON: IN-OPT 2
	1= 4	6	7	M= 0	Q3-4	0	R= 4	11-20	4	1	51-100	1	OUT-OPT 3
	2= 2	2	1	S= 3	Q >5	0	T= 0	21-30	3	2	101-150	0	OFF: NON-ED 0
	3= 0	0	0	A= 0	S1-2	1	A= 0	31-40	0	0	151-200	0	ED-INST 2
	4= 0	0	0		S3-4	7		41-50	0	0	>200	0	
					S >5	0		> 50	0	1	TOTAL	197	TOTAL 7
FILE ORGANIZATION	0= 2	1	0	R= 5	Q1-2	1	L= 3	1-10	2	3	1- 50	5	ON: IN-OPT 6
	1= 3	3	4	M= 0	Q3-4	1	R= 3	11-20	1	0	51-100	1	OUT-OPT 12
	2= 0	1	1	S= 1	Q >5	0	T= 0	21-30	1	1	101-150	0	OFF: NON-ED 0
	3= 1	1	1	A= 0	S1-2	0	A= 0	31-40	1	2	151-200	0	ED-INST 0
	4= 0	0	0		S3-4	4		41-50	1	0	>200	0	
					S >5	0		> 50	0	0	TOTAL	135	TOTAL 18
DATA BASE MANAGEMENT	0= 1	1	0	R= 1	Q1-2	0	L= 0	1-10	3	3	1- 50	3	ON: IN-OPT 0
	1= 2	2	3	M= 0	Q3-4	0	R= 2	11-20	0	0	51-100	1	OUT-OPT 0
	2= 0	0	0	S= 1	Q >5	1	T= 0	21-30	1	1	101-150	0	OFF: NON-ED 0
	3= 1	1	1	A= 2	S1-2	0	A= 1	31-40	0	0	151-200	0	ED-INST 0
	4= 0	0	0		S3-4	3		41-50	0	0	>200	0	
					S >5	0		> 50	0	0	TOTAL	80	TOTAL 0
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0= 6	3	2	R= 10	Q1-2	0	L= 11	1-10	8	18	1- 50	22	ON: IN-OPT 13
	1= 13	13	14	M= 2	Q3-4	5	R= 9	11-20	8	0	51-100	0	OUT-OPT 6
	2= 2	4	5	S= 1	Q >5	0	T= 0	21-30	5	0	101-150	1	OFF: NON-ED 0
	3= 2	3	2	A= 11	S1-2	0	A= 4	31-40	3	2	151-200	0	ED-INST 2
	4= 1	1	1		S3-4	19		41-50	0	3	>200	1	
					S >5	0		> 50	0	1	TOTAL	699	TOTAL 20
INFORMATION SYSTEMS DESIGN (ADVANCED)	0= 7	2	2	R= 11	Q1-2	1	L= 9	1-10	6	11	1- 50	16	ON: IN-OPT 3
	1= 7	11	8	M= 1	Q3-4	5	R= 9	11-20	4	3	51-100	0	OUT-OPT 3
	2= 2	3	6	S= 0	Q >5	0	T= 0	21-30	3	1	101-150	0	OFF: NON-ED 0
	3= 0	0	0	A= 4	S1-2	0	A= 2	31-40	0	1	151-200	0	ED-INST 0
	4= 0	0	0		S3-4	10		41-50	0	0	>200	0	
					S >5	0		> 50	0	0	TOTAL	158	TOTAL 7
MANAGEMENT INFORMATION SYSTEMS	0= 3	2	3	R= 14	Q1-2	0	L= 11	1-10	5	28	1- 50	16	ON: IN-OPT 4
	1= 10	9	7	M= 0	Q3-4	9	R= 10	11-20	6	2	51-100	11	OUT-OPT 0
	2= 6	8	9	S= 1	Q >5	1	T= 0	21-30	14	1	101-150	1	OFF: NON-ED 0
	3= 9	10	10	A= 15	S1-2	4	A= 10	31-40	2	0	151-200	1	ED-INST 4
	4= 3	2	2		S3-4	16		41-50	0	0	>200	2	
					S >5	0		> 50	1	0	TOTAL	2125	TOTAL 8
MANAGEMENT OF COMPUTER CENTERS OF INFORMATION PROCESSING DEPARTMENTS	0= 1	0	0	R= 3	Q1-2	0	L= 4	1-10	3	7	1- 50	7	ON: IN-OPT 0
	1= 6	7	7	M= 1	Q3-4	1	R= 3	11-20	2	0	51-100	0	OUT-OPT 0
	2= 0	0	0	S= 0	Q >5	0	T= 0	21-30	2	1	101-150	0	OFF: NON-ED 0
	3= 1	1	1	A= 4	S1-2	0	A= 1	31-40	0	0	151-200	0	ED-INST 1
	4= 0	0	0		S3-4	7		41-50	0	0	>200	1	
					S >5	0		> 50	0	0	TOTAL	434	TOTAL 1

GROUP (PRIVATE)) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE		CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUSD) ON AND OFF-CAMPUS	
COMPUTERS AND ACCOUNTING (INCLUDING AUDITING)	0= 2	2	0	R=	3	Q1-2	0	L=	7 1-10	2	8	1- 50	10	ON: IN-OPT	1
	1= 7	7	8	M=	1	Q3-4	3	R=	4 11-20	4	1	51-100	2	OUT-OPT	3
	2= 3	2	3	S=	1	Q >5	0	T=	0 21-30	3	1	101-150	0	OFF: NON-ED	0
	3= 0	1	1	A=	7	S1-2	1	A=	1 31-40	2	1	151-200	0	ED-INST	0
	4= 0	0	0			S3-4	7		41-50	1	0	>200	0		
						S >5	1		> 50	0	1	TOTAL	293	TOTAL	3
ECONOMETRIC SIMULATION APPLICATIONS	0= 1	2	1	R=	1	Q1-2	0	L=	5 1-10	2	0	1- 50	0	ON: IN-OPT	0
	1= 5	4	5	M=	0	Q3-4	1	R=	2 11-20	2	1	51-100	0	OUT-OPT	2
	2= 0	0	0	S=	2	Q >5	0	T=	0 21-30	1	0	101-150	0	OFF: NON-ED	1
	3= 1	1	1	A=	3	S1-2	0	A=	0 31-40	1	0	151-200	1	ED-INST	0
	4= 0	0	0			S3-4	4		41-50	0	0	>200	0		
						S >5	0		> 50	1	0	TOTAL	307	TOTAL	3
OTHER	0= 27	28	25	R=	83	Q1-2	7	L=	98 1-10	90	141	1- 50	168	ON: IN-OPT	39
	1= 99	98	101	M=	16	Q3-4	19	R=	73 11-20	52	13	51-100	17	OUT-OPT	36
	2= 47	48	44	S=	36	Q >5	19	T=	3 21-30	40	18	101-150	4	OFF: NON-ED	2
	3= 18	17	17	A=	28	S1-2	14	A=	13 31-40	8	5	151-200	0	ED-INST	11
	4= 2	2	6			S3-4	129		41-50	2	5	>200	1		
						S >5	2		> 50	2	14	TOTAL	5508	TOTAL	88
DESCRIPTION NOT CODED	0= 4	6	0	R=	4	Q1-2	1	L=	1 1-10	9	10	1- 50	14	ON: IN-OPT	15
	1= 7	5	11	M=	0	Q3-4	3	R=	10 11-20	5	2	51-100	1	OUT-OPT	0
	2= 0	1	2	S=	1	Q >5	0	T=	0 21-30	1	1	101-150	1	OFF: NON-ED	1
	3= 3	2	2	A=	7	S1-2	0	A=	1 31-40	1	3	151-200	0	ED-INST	5
	4= 0	1	1			S3-4	9		41-50	0	0	>200	0		
						S >5	1		> 50	0	0	TOTAL	352	TOTAL	22

SUMMARY BY COURSE TYPE

GROUP C ASSOCIATE)

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE CP	OPER	** AVERAGE ** SECT NO.	SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUSA) ON AND OFF-CAMPUS
COMPUTER APPRECIATION	0= 12	5	4	R= 21	Q1=2 0	L= 16	1=10	11	45	1= 50	29	ON:	IN=OPT 129
	1= 13	19	20	W= 3	Q3=4 17	R= 20	11=20	16	5	51=100	10		OUT=OPT 9
	2= 18	16	16	S= 1	Q >5 2	T= 0	21=30	20	2	101=150	7	OFF:	NON=ED 0
	3= 11	14	12	A= 29	S1=2 7	A= 13	31=40	7	2	151=200	1		ED=INST 28
	4= 2	2	4		S3=4 30		41=50	2	1	>200	9		
					S >5 0		> 50	0	1	TOTAL 8350			TOTAL 174
PROBLEM SOLVING COURSE IN THE HUMANITIES	0= 0	0	0	R= 0	Q1=2 0	L= 0	1=10	0	0	1= 50	1	ON:	IN=OPT 8
	1= 0	0	0	W= 0	Q3=4 1	R= 1	11=20	1	0	51=100	0		OUT=OPT 0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30	0	1	101=150	0	OFF:	NON=ED 0
	3= 1	1	1	A= 1	S1=2 0	A= 0	31=40	0	0	151=200	0		ED=INST 0
	4= 0	0	0		S3=4 0		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL 41			TOTAL 8
INTRODUCTORY COURSE IN SOME COMPILER LANGUAGE SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0= 71	39	23	R= 277	Q1=2 20	L= 18	1=10	85	131	1= 50	259	ON:	IN=OPT 1158
	1= 178	177	177	W= 10	Q3=4 108	R= 395	11=20	174	46	51=100	102		OUT=OPT 283
	2= 102	119	130	S= 86	Q >5 24	T= 8	21=30	132	59	101=150	31	OFF:	NON=ED 67
	3= 52	64	63	A= 67	S1=2 49	A= 6	31=40	27	58	151=200	8		ED=INST 51
	4= 29	29	32		S3=4 202		41=50	9	45	>200	29		
					S >5 13		> 50	0	86	TOTAL 25287			TOTAL 1551
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0= 52	19	17	R= 247	Q1=2 1	L= 10	1=10	46	80	1= 50	179	ON:	IN=OPT 951
	1= 98	115	100	W= 0	Q3=4 64	R= 258	11=20	127	24	51=100	53		OUT=OPT 153
	2= 79	82	91	S= 8	Q >5 19	T= 0	21=30	82	32	101=150	14	OFF:	NON=ED 66
	3= 34	42	46	A= 18	S1=2 3	A= 4	31=40	12	39	151=200	10		ED=INST 32
	4= 11	15	15		S3=4 171		41=50	7	23	>200	16		
					S >5 12		> 50	2	76	TOTAL 10137			TOTAL 1203
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0= 9	5	7	R= 32	Q1=2 4	L= 7	1=10	21	28	1= 50	61	ON:	IN=OPT 116
	1= 31	28	26	W= 0	Q3=4 21	R= 63	11=20	26	9	51=100	7		OUT=OPT 53
	2= 19	29	26	S= 36	Q >5 3	T= 1	21=30	17	9	101=150	2	OFF:	NON=ED 22
	3= 9	8	9	A= 3	S1=2 9	A= 0	31=40	3	8	151=200	1		ED=INST 2
	4= 3	3	3		S3=4 25		41=50	1	9	>200	0		
					S >5 1		> 50	1	10	TOTAL 2364			TOTAL 193
INTRODUCTORY COURSE IN PROGRAMMING	0= 21	14	10	R= 185	Q1=2 5	L= 15	1=10	26	68	1= 50	124	ON:	IN=OPT 846
	1= 78	78	76	W= 2	Q3=4 43	R= 187	11=20	86	18	51=100	82		OUT=OPT 172
	2= 64	57	65	S= 5	Q >5 22	T= 0	21=30	76	21	101=150	14	OFF:	NON=ED 6
	3= 32	41	36	A= 16	S1=2 4	A= 6	31=40	15	23	151=200	11		ED=INST 15
	4= 17	22	23		S3=4 127		41=50	1	33	>200	17		
					S >5 11		> 50	3	47	TOTAL 14002			TOTAL 1016
ADVANCED COURSE IN PROGRAMMING	0= 73	32	11	R= 271	Q1=2 7	L= 7	1=10	85	95	1= 50	249	ON:	IN=OPT 987
	1= 137	154	156	W= 1	Q3=4 87	R= 283	11=20	150	15	51=100	35		OUT=OPT 99
	2= 66	82	92	S= 18	Q >5 36	T= 0	21=30	49	38	101=150	18	OFF:	NON=ED 31
	3= 22	26	31	A= 9	S1=2 5	A= 3	31=40	4	40	151=200	4		ED=INST 17
	4= 19	17	21		S3=4 158		41=50	3	36	>200	5		
					S >5 17		> 50	0	79	TOTAL 10830			TOTAL 1105
FIRST COURSE IN COMPUTER DESIGN	0= 6	1	2	R= 13	Q1=2 [illegible]	L= 8	1=10	4	8	1= 50	10	ON:	IN=OPT 45
	1= 5	6	5	W= 1	Q3=4 [illegible]	R= 13	11=20	4	2	51=100	5		OUT=OPT 2
	2= 3	4	5	S= 1	Q >5 0	T= 0	21=30	4	1	101=150	0	OFF:	NON=ED 12
	3= 1	2	2	A= 1	S1=2 2	A= 0	31=40	2	2	151=200	0		ED=INST 0
	4= 3	2	1		S3=4 11		41=50	0	1	>200	1		
					S >5 0		> 50	0	2	TOTAL 823			TOTAL 58
ADVANCED COURSE IN COMPUTER DESIGN (COMPUTER ARCHITECTURE)	0= 0	0	0	R= 1	Q1=2 0	L= 0	1=10	0	1	1= 50	1	ON:	IN=OPT 5
	1= 1	1	1	W= 0	Q3=4 0	R= 1	11=20	0	0	51=100	0		OUT=OPT 0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30	1	0	101=150	0	OFF:	NON=ED 0
	3= 0	0	0	A= 0	S1=2 0	A= 0	31=40	0	0	151=200	0		ED=INST 0
	4= 0	0	0		S3=4 1		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL 50			TOTAL 5
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0= 12	2	0	R= 58	Q1=2 1	L= 3	1=10	10	10	1= 50	43	ON:	IN=OPT 112
	1= 24	28	24	W= 0	Q3=4 15	R= 52	11=20	28	4	51=100	9		OUT=OPT 10
	2= 12	16	19	S= 2	Q >5 4	T= 0	21=30	14	4	101=150	2	OFF:	NON=ED 5
	3= 5	7	5	A= 0	S1=2 4	A= 1	31=40	0	8	151=200	0		ED=INST 1
	4= 3	3	4		S3=4 23		41=50	0	5	>200	2		
					S >5 9		> 50	0	13	TOTAL 2170			TOTAL 128
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0= 21	11	3	R= 97	Q1=2 2	L= 19	1=10	25	50	1= 50	75	ON:	IN=OPT 189
	1= 49	58	58	W= 1	Q3=4 25	R= 69	11=20	48	8	51=100	8		OUT=OPT 13
	2= 11	14	17	S= 1	Q >5 5	T= 0	21=30	18	12	101=150	5	OFF:	NON=ED 10
	3= 7	9	8	A= 3	S1=2 4	A= 4	31=40	3	5	151=200	0		ED=INST 1
	4= 4	4	5		S3=4 68		41=50	0	9	>200	4		
					S >5 3		> 50	0	10	TOTAL 4040			TOTAL 212
DATA STRUCTURES	0= 1	1	0	R= 8	Q1=2 1	L= 0	1=10	0	2	1= 50	5	ON:	IN=OPT 6
	1= 5	3	3	W= 0	Q3=4 3	R= 7	11=20	4	2	51=100	2		OUT=OPT 8
	2= 2	2	2	S= 0	Q >5 0	T= 0	21=30	3	0	101=150	0	OFF:	NON=ED 0
	3= 2	3	3	A= 0	S1=2 1	A= 1	31=40	1	0	151=200	1		ED=INST 0
	4= 0	0	0		S3=4 3		41=50	0	3	>200	0		
					S >5 0		> 50	0	1	TOTAL 480			TOTAL 14
AUTOMATA THEORY	0= 0	0	0	R= 0	Q1=2 0	L= 0	1=10	0	1	1= 50	0	ON:	IN=OPT 0
	1= 0	0	0	W= 0	Q3=4 1	R= 1	11=20	0	0	51=100	0		OUT=OPT 6
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30	0	0	101=150	0	OFF:	NON=ED 0
	3= 0	0	0	A= 1	S1=2 0	A= 0	31=40	1	0	151=200	0		ED=INST 0
	4= 1	1	1		S3=4 0		41=50	0	0	>200	1		
					S >5 0		> 50	0	0	TOTAL 250			TOTAL 6
SIMULATION APPLICATIONS (NON-ECONOMETRIC)	0= 1	0	0	R= 5	Q1=2 0	L= 0	1=10	2	0	1= 50	4	ON:	IN=OPT 16
	1= 6	5	5	W= 0	Q3=4 0	R= 5	11=20	1	0	51=100	0		OUT=OPT 0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30	2	0	101=150	1	OFF:	NON=ED 0
	3= 0	0	0	A= 0	S1=2 2	A= 0	31=40	0	2	151=200	0		ED=INST 0
	4= 0	0	0		S3=4 2		41=50	0	1	>200	0		
					S >5 0		> 50	0	2	TOTAL 152			TOTAL 16
SIMULATION LANGUAGES AND/OR TECHNIQUES	0= 0	0	0	R= 1	Q1=2 0	L= 0	1=10	0	0	1= 50	1	ON:	IN=OPT 2
	1= 1	1	1	W= 0	Q3=4 0	R= 1	11=20	1	0	51=100	0		OUT=OPT 0
	2= 0	0	0	S= 0	Q >5 1	T= 0	21=30	0	1	101=150	0	OFF:	NON=ED 0
	3= 0	0	0	A= 0	S1=2 0	A= 0	31=40	0	0	151=200	0		ED=INST 0
	4= 0	0	0		S3=4 0		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL 13			TOTAL 2
ARTIFICIAL INTELLIGENCE (HEURISTIC PROGRAMMING)	0= 0	0	0	R= 0	Q1=2 0	L= 1	1=10	1	0	1= 50	1	ON:	IN=OPT 1
	1= 1	1	1	W= 0	Q3=4 0	R= 0	11=20	0	0	51=100	0		OUT=OPT 0
	2= 0	0	0	S= 1	Q >5 0	T= 0	21=30	0	0	101=150	0	OFF:	NON=ED 0
	3= 0	0	0	A= 0	S1=2 1	A= 0	31=40	0	0	151=200	0		ED=INST 0
	4= 0	0	0		S3=4 0		41=50	0	0	>200	0		
					S >5 0		> 50	0	1	TOTAL 8			TOTAL 1

GROUP C ASSOCIATE) — SUMMARY BY COURSE TYPE CONTINUED —

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB * HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUSS) ON AND OFF-CAMPUS	
HYBRID COMPUTERS	0* 0	0	0	R* 1	Q1-2	0 L*	0 1-10	0	1	1- 50	1	ON: IN-OPT	3
	1* 1	0	1	R* 0	Q3-4	0 R*	1 11-20	1	0	51-100	0	OUT-OPT	0
	2* 0	1	0	S* 0	Q >5	0 T*	0 21-30	0	0	101-150	0	OFF: NON-ED	0
	3* 0	0	0	A* 0	S1-2	0 A*	0 31-40	0	0	151-200	0	ED-INST	0
	4* 0	0	0		S3-4	1	41-50	0	0	>200	0		
					S >5	0	> 50	0	0	TOTAL	10	TOTAL	3
DISCRETE STRUCTURES	0* 0	0	0	R* 1	Q1-2	0 L*	0 1-10	0	0	1- 50	0	ON: IN-OPT	0
	1* 0	0	0	R* 0	Q3-4	0 R*	1 11-20	1	0	51-100	1	OUT-OPT	5
	2* 1	1	1	S* 0	Q >5	0 T*	0 21-30	1	0	101-150	0	OFF: NON-ED	0
	3* 0	0	0	A* 0	S1-2	0 A*	0 31-40	0	0	151-200	0	ED-INST	0
	4* 0	0	0		S3-4	1	41-50	0	0	>200	0		
					S >5	0	> 50	0	1	TOTAL	80	TOTAL	5
COMPUTER ORGANIZATION	0* 2	1	0	R* 13	Q1-2	0 L*	1 1-10	4	9	1- 50	9	ON: IN-OPT	5
	1* 7	7	6	R* 0	Q3-4	6 R*	12 11-20	6	3	51-100	3	OUT-OPT	7
	2* 5	5	7	S* 1	Q >5	0 T*	0 21-30	5	2	101-150	1	OFF: NON-ED	0
	3* 0	0	0	A* 1	S1-2	0 A*	2 31-40	0	1	151-200	1	ED-INST	0
	4* 1	2	2		S3-4	9	41-50	0	0	>200	1		
					S >5	0	> 50	0	0	TOTAL	1510	TOTAL	12
COMPILER CONSTRUCTION	0* 1	1	1	R* 7	Q1-2	0 L*	1 1-10	3	2	1- 50	6	ON: IN-OPT	3
	1* 5	5	5	R* 0	Q3-4	2 R*	8 11-20	1	4	51-100	1	OUT-OPT	0
	2* 1	1	1	S* 0	Q >5	0 T*	0 21-30	1	1	101-150	0	OFF: NON-ED	0
	3* 0	0	0	A* 0	S1-2	1 A*	0 31-40	2	0	151-200	0	ED-INST	0
	4* 0	0	0		S3-4	4	41-50	0	0	>200	0		
					S >5	0	> 50	0	0	TOTAL	149	TOTAL	3
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0* 2	0	0	R* 7	Q1-2	0 L*	2 1-10	1	0	1- 50	8	ON: IN-OPT	7
	1* 5	6	3	R* 0	Q3-4	3 R*	5 11-20	4	0	51-100	0	OUT-OPT	0
	2* 1	2	5	S* 1	Q >5	0 T*	0 21-30	3	0	101-150	0	OFF: NON-ED	0
	3* 0	0	0	A* 0	S1-2	0 A*	1 31-40	0	0	151-200	0	ED-INST	0
	4* 0	0	0		S3-4	3	41-50	0	2	>200	0		
					S >5	0	> 50	0	0	TOTAL	125	TOTAL	7
INTRODUCTORY COMPUTER ORGANIZATION	0* 6	1	0	R* 16	Q1-2	0 L*	4 1-10	5	9	1- 50	19	ON: IN-OPT	25
	1* 9	12	12	R* 0	Q3-4	6 R*	19 11-20	6	5	51-100	2	OUT-OPT	15
	2* 4	2	4	S* 3	Q >5	1 T*	0 21-30	10	0	101-150	1	OFF: NON-ED	0
	3* 2	3	2	A* 0	S1-2	3 A*	0 31-40	0	3	151-200	1	ED-INST	0
	4* 1	1	1		S3-4	9	41-50	0	1	>200	1		
					S >5	0	> 50	0	1	TOTAL	872	TOTAL	40
ADVANCED COMPUTER ORGANIZATION	0* 2	0	0	R* 5	Q1-2	0 L*	0 1-10	0	1	1- 50	4	ON: IN-OPT	6
	1* 3	5	5	R* 0	Q3-4	0 R*	5 11-20	3	1	51-100	1	OUT-OPT	0
	2* 0	0	0	S* 0	Q >5	0 T*	0 21-30	2	0	101-150	0	OFF: NON-ED	0
	3* 0	0	0	A* 0	S1-2	3 A*	0 31-40	1	0	151-200	0	ED-INST	0
	4* 0	0	0		S3-4	2	41-50	0	2	>200	0		
					S >5	0	> 50	0	1	TOTAL	70	TOTAL	6
INFORMATION STORAGE AND RETRIEVAL	0* 0	0	0	R* 1	Q1-2	0 L*	1 1-10	0	1	1- 50	1	ON: IN-OPT	0
	1* 1	1	1	R* 0	Q3-4	1 R*	0 11-20	1	0	51-100	0	OUT-OPT	0
	2* 0	0	0	S* 0	Q >5	0 T*	0 21-30	0	0	101-150	0	OFF: NON-ED	0
	3* 0	0	0	A* 0	S1-2	0 A*	0 31-40	0	0	151-200	0	ED-INST	0
	4* 0	0	0		S3-4	0	41-50	0	0	>200	0		
					S >5	0	> 50	0	0	TOTAL	27	TOTAL	0
COMPUTER GRAPHICS	0* 1	1	0	R* 2	Q1-2	0 L*	1 1-10	2	2	1- 50	4	ON: IN-OPT	10
	1* 1	1	2	R* 0	Q3-4	1 R*	3 11-20	2	0	51-100	0	OUT-OPT	0
	2* 2	2	2	S* 1	Q >5	0 T*	0 21-30	0	0	101-150	0	OFF: NON-ED	0
	3* 0	0	0	A* 0	S1-2	1 A*	0 31-40	0	1	151-200	0	ED-INST	0
	4* 0	0	0		S3-4	2	41-50	0	1	>200	0		
					S >5	0	> 50	0	0	TOTAL	71	TOTAL	10
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0* 6	1	0	R* 33	Q1-2	1 L*	20 1-10	9	26	1- 50	25	ON: IN-OPT	43
	1* 22	24	24	R* 0	Q3-4	12 R*	18 11-20	14	2	51-100	14	OUT-OPT	15
	2* 7	9	10	S* 3	Q >5	0 T*	0 21-30	11	0	101-150	0	OFF: NON-ED	0
	3* 0	3	3	A* 0	S1-2	1 A*	0 31-40	4	0	151-200	1	ED-INST	0
	4* 1	1	1		S3-4	22	41-50	0	1	>200	1		
					S >5	2	> 50	0	1	TOTAL	1645	TOTAL	58
ADVANCED NUMERICAL ANALYSIS	0* 1	0	1	R* 11	Q1-2	0 L*	4 1-10	3	8	1- 50	10	ON: IN-OPT	28
	1* 7	7	8	R* 0	Q3-4	2 R*	7 11-20	7	1	51-100	0	OUT-OPT	1
	2* 1	2	2	S* 0	Q >5	1 T*	0 21-30	1	2	101-150	1	OFF: NON-ED	0
	3* 0	0	0	A* 0	S1-2	0 A*	0 31-40	0	0	151-200	0	ED-INST	0
	4* 2	2	2		S3-4	8	41-50	0	0	>200	0		
					S >5	0	> 50	0	0	TOTAL	230	TOTAL	30
INTRODUCTORY OPERATIONS RESEARCH	0* 1	0	1	R* 12	Q1-2	0 L*	2 1-10	5	8	1- 50	11	ON: IN-OPT	34
	1* 10	8	8	R* 0	Q3-4	5 R*	10 11-20	4	1	51-100	1	OUT-OPT	0
	2* 1	4	3	S* 1	Q >5	3 T*	0 21-30	2	0	101-150	1	OFF: NON-ED	0
	3* 1	1	1	A* 0	S1-2	0 A*	0 31-40	0	1	151-200	0	ED-INST	0
	4* 0	0	0		S3-4	4	41-50	0	2	>200	0		
					S >5	1	> 50	0	1	TOTAL	407	TOTAL	34
ADVANCED OPERATIONS RESEARCH	0* 0	0	0	R* 2	Q1-2	0 L*	1 1-10	0	1	1- 50	2	ON: IN-OPT	8
	1* 3	3	2	R* 0	Q3-4	1 R*	2 11-20	1	0	51-100	1	OUT-OPT	0
	2* 0	0	1	S* 1	Q >5	1 T*	0 21-30	1	0	101-150	0	OFF: NON-ED	0
	3* 0	0	0	A* 0	S1-2	0 A*	0 31-40	1	0	151-200	0	ED-INST	0
	4* 0	0	0		S3-4	1	41-50	0	1	>200	0		
					S >5	0	> 50	0	1	TOTAL	94	TOTAL	8
DATA COMMUNICATIONS	0* 4	1	1	R* 7	Q1-2	1 L*	5 1-10	2	6	1- 50	8	ON: IN-OPT	21
	1* 6	9	8	R* 0	Q3-4	6 R*	4 11-20	5	1	51-100	3	OUT-OPT	0
	2* 0	0	3	S* 2	Q >5	1 T*	0 21-30	3	1	101-150	0	OFF: NON-ED	0
	3* 1	1	1	A* 2	S1-2	1 A*	0 31-40	1	2	151-200	0	ED-INST	0
	4* 0	0	0		S3-4	2	41-50	0	1	>200	0		
					S >5	0	> 50	0	0	TOTAL	344	TOTAL	21
PROCESS CONTROL	0* 1	2	1	R* 8	Q1-2	1 L*	0 1-10	1	1	1- 50	5	ON: IN-OPT	0
	1* 2	1	2	R* 0	Q3-4	1 R*	4 11-20	5	0	51-100	0	OUT-OPT	0
	2* 2	2	2	S* 0	Q >5	1 T*	0 21-30	3	1	101-150	1	OFF: NON-ED	0
	3* 0	0	0	A* 0	S1-2	0 A*	2 31-40	0	0	151-200	0	ED-INST	0
	4* 1	1	1		S3-4	3	41-50	0	0	>200	0		
					S >5	0	> 50	0	4	TOTAL	212	TOTAL	0
DATA PREPARATION (KEY PUNCH, VERIFIER, DATA ENTRY,...)	0* 13	7	5	R* 27	Q1-2	5 L*	1 1-10	23	16	1- 50	37	ON: IN-OPT	60
	1* 15	15	16	R* 2	Q3-4	12 R*	55 11-20	24	3	51-100	10	OUT-OPT	7
	2* 10	14	16	S* 6	Q >5	5 T*	1 21-30	11	9	101-150	5	OFF: NON-ED	0
	3* 13	14	12	A* 22	S1-2	15 A*	1 31-40	0	8	151-200	2	ED-INST	0
	4* 5	4	5		S3-4	18	41-50	0	6	>200	4		
					S >5	3	> 50	0	16	TOTAL	3615	TOTAL	67

GROUP (ASSOCIATE)) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUSD) ON AND OFF-CAMPUS	
UNIT RECORD (EAM)	0- 10	15	28	R- 126	Q1-2	2	L- 5	1-10	16	28	1- 50	76	ON: IN-OPT	442
	1- 57	53	47	M- 2	Q3-4	28	R- 146	11-20	74	19	51-100	45	OUT-OPT	68
	2- 39	41	38	S- 3	Q >5	14	T- 0	21-30	53	19	101-150	11	OFF: NON-ED	22
	3- 33	32	31	N- 19	S1-2	15	A- 2	31-40	8	21	151-200	4	ED-INST	8
	4- 13	10	7		S3-4	87		41-50	1	27	>200	14		
					S >5	5		> 50	3	39	TOTAL	12165	TOTAL	537
INTRODUCTORY COURSE IN DATA PROCESSING	0- 27	13	13	R- 190	Q1-2	5	L- 79	1-10	23	184	1- 50	80	ON: IN-OPT	867
	1- 68	71	67	M- 2	Q3-4	56	R- 120	11-20	47	28	51-100	55	OUT-OPT	287
	2- 63	54	55	S- 6	Q >5	19	T- 0	21-30	124	11	101-150	33	OFF: NON-ED	9
	3- 59	70	69	N- 51	S1-2	9	A- 49	31-40	30	11	151-200	18	ED-INST	3
	4- 28	38	42		S3-4	155		41-50	20	7	>200	88		
					S >5	4		> 50	10	15	TOTAL	47108	TOTAL	1122
ADVANCED COURSE IN DATA PROCESSING	0- 9	2	1	R- 31	Q1-2	1	L- 7	1-10	14	22	1- 50	32	ON: IN-OPT	54
	1- 14	23	22	M- 0	Q3-4	13	R- 27	11-20	16	2	51-100	4	OUT-OPT	50
	2- 9	6	8	S- 3	Q >5	7	T- 0	21-30	10	1	101-150	4	OFF: NON-ED	6
	3- 6	6	6	N- 5	S1-2	2	A- 5	31-40	2	5	151-200	0	ED-INST	0
	4- 4	5	5		S3-4	15		41-50	0	2	>200	2		
					S >5	3		> 50	0	10	TOTAL	2148	TOTAL	110
PROBLEM SOLVING COURSE IN BUSINESS APPLICATIONS	0- 28	10	6	R- 98	Q1-2	2	L- 18	1-10	32	58	1- 50	91	ON: IN-OPT	202
	1- 58	61	67	M- 1	Q3-4	41	R- 84	11-20	42	6	51-100	16	OUT-OPT	19
	2- 24	34	32	S- 5	Q >5	11	T- 0	21-30	34	12	101-150	6	OFF: NON-ED	4
	3- 5	8	7	N- 11	S1-2	9	A- 7	31-40	4	8	151-200	1	ED-INST	2
	4- 2	2	4		S3-4	48		41-50	0	7	>200	1		
					S >5	4		> 50	3	24	TOTAL	4102	TOTAL	307
ADVANCED BUSINESS APPLICATIONS (MARKETING, FINANCE, PRODUCTION, ETC.)	0- 8	3	1	R- 27	Q1-2	1	L- 4	1-10	9	11	1- 50	26	ON: IN-OPT	30
	1- 16	18	19	M- 0	Q3-4	8	R- 25	11-20	13	3	51-100	2	OUT-OPT	1
	2- 2	5	5	S- 0	Q >5	5	T- 0	21-30	7	4	101-150	2	OFF: NON-ED	0
	3- 3	3	4	N- 2	S1-2	2	A- 0	31-40	1	2	151-200	0	ED-INST	0
	4- 1	1	1		S3-4	10		41-50	0	2	>200	0		
					S >5	3		> 50	0	8	TOTAL	739	TOTAL	31
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0- 23	19	7	R- 145	Q1-2	1	L- 49	1-10	38	100	1- 50	123	ON: IN-OPT	205
	1- 92	92	98	M- 0	Q3-4	42	R- 79	11-20	65	15	51-100	22	OUT-OPT	9
	2- 28	33	35	S- 0	Q >5	7	T- 0	21-30	42	8	101-150	5	OFF: NON-ED	7
	3- 9	7	11	N- 9	S1-2	4	A- 20	31-40	9	9	151-200	2	ED-INST	1
	4- 3	4	3		S3-4	95		41-50	1	12	>200	3		
					S >5	5		> 50	0	11	TOTAL	5534	TOTAL	222
LARGE SCALE INFORMATION PROCESSING SYSTEMS	0- 0	0	0	R- 4	Q1-2	0	L- 1	1-10	1	3	1- 50	3	ON: IN-OPT	11
	1- 2	2	2	M- 0	Q3-4	2	R- 4	11-20	2	0	51-100	2	OUT-OPT	2
	2- 3	3	3	S- 0	Q >5	0	T- 0	21-30	2	0	101-150	0	OFF: NON-ED	0
	3- 0	0	0	N- 0	S1-2	0	A- 0	31-40	0	0	151-200	0	ED-INST	0
	4- 0	0	0		S3-4	3		41-50	0	1	>200	0		
					S >5	0		> 50	0	1	TOTAL	196	TOTAL	14
FILE ORGANIZATION	0- 1	1	0	R- 8	Q1-2	0	L- 1	1-10	0	2	1- 50	7	ON: IN-OPT	13
	1- 4	3	5	M- 0	Q3-4	5	R- 7	11-20	6	3	51-100	1	OUT-OPT	0
	2- 3	4	3	S- 0	Q >5	0	T- 0	21-30	2	2	101-150	0	OFF: NON-ED	0
	3- 0	0	0	N- 0	S1-2	0	A- 0	31-40	0	2	151-200	0	ED-INST	0
	4- 0	0	0		S3-4	3		41-50	0	0	>200	0		
					S >5	0		> 50	0	1	TOTAL	192	TOTAL	13
DATA BASE MANAGEMENT	0- 2	2	0	R- 5	Q1-2	0	L- 0	1-10	2	2	1- 50	5	ON: IN-OPT	2
	1- 2	3	3	M- 0	Q3-4	0	R- 2	11-20	1	0	51-100	0	OUT-OPT	12
	2- 1	0	2	S- 0	Q >5	3	T- 0	21-30	2	0	101-150	0	OFF: NON-ED	0
	3- 0	0	0	N- 0	S1-2	0	A- 1	31-40	0	1	151-200	0	ED-INST	0
	4- 0	0	0		S3-4	2		41-50	0	2	>200	0		
					S >5	0		> 50	0	0	TOTAL	92	TOTAL	13
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0- 14	5	1	R- 64	Q1-2	1	L- 17	1-10	21	42	1- 50	53	ON: IN-OPT	73
	1- 27	38	38	M- 0	Q3-4	16	R- 43	11-20	26	3	51-100	8	OUT-OPT	22
	2- 15	14	18	S- 0	Q >5	4	T- 0	21-30	16	6	101-150	2	OFF: NON-ED	1
	3- 9	9	8	N- 1	S1-2	1	A- 3	31-40	1	6	151-200	2	ED-INST	2
	4- 0	1	2		S3-4	38		41-50	1	5	>200	0		
					S >5	2		> 50	0	3	TOTAL	2302	TOTAL	98
INFORMATION SYSTEMS DESIGN (ADVANCED)	0- 8	2	0	R- 38	Q1-2	1	L- 11	1-10	17	21	1- 50	37	ON: IN-OPT	55
	1- 24	26	29	M- 0	Q3-4	12	R- 27	11-20	17	3	51-100	2	OUT-OPT	0
	2- 6	9	6	S- 0	Q >5	2	T- 0	21-30	4	0	101-150	1	OFF: NON-ED	0
	3- 2	3	4	N- 1	S1-2	0	A- 1	31-40	2	3	151-200	0	ED-INST	1
	4- 0	0	1		S3-4	23		41-50	0	4	>200	0		
					S >5	0		> 50	0	3	TOTAL	893	TOTAL	56
MANAGEMENT INFORMATION SYSTEMS	0- 6	3	0	R- 22	Q1-2	0	L- 7	1-10	8	16	1- 50	19	ON: IN-OPT	28
	1- 12	14	16	M- 0	Q3-4	3	R- 15	11-20	10	0	51-100	3	OUT-OPT	14
	2- 4	5	6	S- 0	Q >5	2	T- 0	21-30	4	1	101-150	1	OFF: NON-ED	1
	3- 1	1	1	N- 1	S1-2	2	A- 0	31-40	1	0	151-200	0	ED-INST	0
	4- 0	0	0		S3-4	10		41-50	0	5	>200	0		
					S >5	0		> 50	0	1	TOTAL	589	TOTAL	42
MANAGEMENT OF COMPUTER CENTERS OF INFORMATION PROCESSING DEPARTMENTS	0- 9	4	1	R- 27	Q1-2	1	L- 10	1-10	12	16	1- 50	27	ON: IN-OPT	28
	1- 18	22	23	M- 0	Q3-4	3	R- 19	11-20	9	8	51-100	2	OUT-OPT	2
	2- 2	2	4	S- 1	Q >5	8	T- 0	21-30	5	0	101-150	0	OFF: NON-ED	0
	3- 0	1	1	N- 1	S1-2	4	A- 0	31-40	2	0	151-200	0	ED-INST	1
	4- 0	0	0		S3-4	13		41-50	0	0	>200	0		
					S >5	0		> 50	1	5	TOTAL	688	TOTAL	30
COMPUTERS AND ACCOUNTING (INCLUDING AUDITING)	0- 3	1	1	R- 8	Q1-2	0	L- 3	1-10	2	8	1- 50	10	ON: IN-OPT	12
	1- 6	6	8	M- 0	Q3-4	2	R- 8	11-20	6	1	51-100	2	OUT-OPT	1
	2- 2	1	1	S- 0	Q >5	0	T- 0	21-30	4	0	101-150	0	OFF: NON-ED	0
	3- 1	2	2	N- 4	S1-2	1	A- 0	31-40	0	0	151-200	0	ED-INST	0
	4- 0	0	0		S3-4	9		41-50	0	1	>200	0		
					S >5	0		> 50	0	2	TOTAL	411	TOTAL	13
ECONOMETRIC SIMULATION APPLICATIONS	0- 1	1	0	R- 3	Q1-2	0	L- 0	1-10	1	1	1- 50	2	ON: IN-OPT	0
	1- 1	1	1	M- 0	Q3-4	2	R- 3	11-20	2	0	51-100	1	OUT-OPT	2
	2- 0	0	1	S- 0	Q >5	0	T- 0	21-30	0	2	101-150	0	OFF: NON-ED	0
	3- 0	0	0	N- 0	S1-2	0	A- 0	31-40	0	0	151-200	0	ED-INST	0
	4- 1	1	1		S3-4	1		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	75	TOTAL	2
OTHER	0- 48	18	14	R- 116	Q1-2	6	L- 45	1-10	80	97	1- 50	142	ON: IN-OPT	131
	1- 65	92	93	M- 5	Q3-4	23	R- 98	11-20	56	6	51-100	13	OUT-OPT	19
	2- 20	32	31	S- 13	Q >5	4	T- 0	21-30	24	8	101-150	4	OFF: NON-ED	15
	3- 14	17	19	N- 21	S1-2	21	A- 4	31-40	1	6	151-200	3	ED-INST	16
	4- 9	2	4		S3-4	100		41-50	0	16	>200	0		
					S >5	5		> 50	1	29	TOTAL	3975	TOTAL	180

GROUP (ASSOCIATE)) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER		** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS$) ON AND OFF-CAMPUS	
DESCRIPTION NOT CODED	0= 1	1	0	8=	8	01-2	0	L=	2	1-10	1	17	1- 50	8	ON: IN-OPT 9
	1= 16	16	16	9=	0	03-4	1	M=	3	11-20	4	1	51-100	10	OUT-OPT 0
	2= 2	2	3	S=	1	0 ≥5	0	T=	0	21-30	15	0	101-150	3	OFF: NON-ED 0
	3= 1	1	1	A=	0	01-2	2	A=	0	31-40	0	0	151-200	1	ED-INST 0
	4= 0	0	0			03-4	17			41-50	0	1	>200	0	
						5 >5	0			> 50	0	1	TOTAL	1515	TOTAL 9

GROUP (BACHELORS)

SUMMARY BY COURSE TYPE

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUS$) ON AND OFF-CAMPUS	
COMPUTER APPRECIATION	0= 12	7	0	R= 7	Q1-2	2	L= 10	1-10 12	21	1- 50	21	ON: IN-OPT	17
	1= 9	11	17	M= 1	Q3-4	2	R= 15	11-20 5	1	51-100	5	OUT-OPT	4
	2= 3	6	6	S= 3	Q >5	2	T= 1	21-30 4	4	101-150	1	OFF: NON-ED	0
	3= 0	4	5	N= 18	S1-2	7	A= 1	31-40 4	0	151-200	1	ED-INST	0
	4= 0	2	2		S3-4	10		41-50 2	3	>200	2		
					S >5	1		> 50 1	1	TOTAL	1521	TOTAL	21
PROBLEM SOLVING COURSE IN THE HUMANITIES	0= 6	1	0	R= 0	Q1-2	0	L= 0	1-10 1	1	1- 50	10	ON: IN-OPT	0
	1= 4	9	10	M= 0	Q3-4	0	R= 10	11-20 4	2	51-100	1	OUT-OPT	71
	2= 1	1	1	S= 1	Q >5	0	T= 0	21-30 3	3	101-150	0	OFF: NON-ED	1
	3= 0	0	0	N= 10	S1-2	0	A= 0	31-40 1	1	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	11		41-50 0	3	>200	0		
					S >5	0		> 50 0	1	TOTAL	191	TOTAL	74
INTRODUCTORY COURSE IN SOME COMPILER LANGUAGE SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0= 41	21	20	R= 32	Q1-2	2	L= 16	1-10 41	41	1- 50	121	ON: IN-OPT	214
	1= 52	61	54	M= 3	Q3-4	28	R= 156	11-20 55	44	51-100	24	OUT-OPT	262
	2= 51	54	59	S= 83	Q >5	3	T= 2	21-30 51	34	101-150	14	OFF: NON-ED	73
	3= 28	28	28	N= 56	S1-2	47	A= 2	31-40 12	12	151-200	11	ED-INST	341
	4= 11	14	17		S3-4	94		41-50 14	23	>200	9		
					S >5	0		> 50 6	25	TOTAL	12985	TOTAL	888
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0= 14	8	8	R= 18	Q1-2	1	L= 8	1-10 12	18	1- 50	39	ON: IN-OPT	4
	1= 25	28	26	M= 0	Q3-4	14	R= 40	11-20 14	10	51-100	6	OUT-OPT	24
	2= 5	6	9	S= 7	Q >5	0	T= 0	21-30 14	4	101-150	1	OFF: NON-ED	4
	3= 3	4	3	N= 21	S1-2	7	A= 0	31-40 5	3	151-200	2	ED-INST	11
	4= 1	2	2		S3-4	28		41-50 1	5	>200	0		
					S >5	0		> 50 0	8	TOTAL	1395	TOTAL	43
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0= 14	7	6	R= 10	Q1-2	0	L= 5	1-10 15	13	1- 50	36	ON: IN-OPT	31
	1= 18	20	23	M= 1	Q3-4	5	R= 36	11-20 23	7	51-100	4	OUT-OPT	9
	2= 7	11	8	S= 28	Q >5	0	T= 0	21-30 3	5	101-150	1	OFF: NON-ED	1
	3= 2	2	3	N= 2	S1-2	8	A= 0	31-40 0	5	151-200	0	ED-INST	15
	4= 0	1	1		S3-4	28		41-50 0	3	>200	0		
					S >5	0		> 50 0	8	TOTAL	946	TOTAL	56
INTRODUCTORY COURSE IN PROGRAMMING	0= 23	13	7	R= 22	Q1-2	4	L= 5	1-10 20	34	1- 50	62	ON: IN-OPT	98
	1= 33	35	37	M= 6	Q3-4	13	R= 84	11-20 33	12	51-100	17	OUT-OPT	56
	2= 16	21	22	S= 36	Q >5	3	T= 0	21-30 24	13	101-150	8	OFF: NON-ED	30
	3= 16	17	20	N= 28	S1-2	10	A= 4	31-40 13	7	151-200	3	ED-INST	19
	4= 4	6	5		S3-4	59		41-50 1	7	>200	3		
					S >5	0		> 50 2	28	TOTAL	5009	TOTAL	205
ADVANCED COURSE IN PROGRAMMING	0= 25	20	11	R= 20	Q1-2	2	L= 5	1-10 28	18	1- 50	59	ON: IN-OPT	83
	1= 49	31	35	M= 7	Q3-4	11	R= 58	11-20 27	7	51-100	5	OUT-OPT	17
	2= 7	7	12	S= 25	Q >5	3	T= 0	21-30 6	6	101-150	0	OFF: NON-ED	10
	3= 3	5	5	N= 12	S1-2	2	A= 1	31-40 2	9	151-200	2	ED-INST	10
	4= 2	3	3		S3-4	47		41-50 2	9	>200	0		
					S >5	0		> 50 1	17	TOTAL	1346	TOTAL	119
FIRST COURSE IN COMPUTER DESIGN	0= 13	4	2	R= 10	Q1-2	0	L= 5	1-10 15	11	1- 50	19	ON: IN-OPT	25
	1= 7	16	18	M= 1	Q3-4	6	R= 19	11-20 5	3	51-100	3	OUT-OPT	14
	2= 1	1	1	S= 12	Q >5	1	T= 0	21-30 2	1	101-150	0	OFF: NON-ED	0
	3= 1	2	1	N= 1	S1-2	0	A= 0	31-40 1	1	151-200	2	ED-INST	11
	4= 2	1	2		S3-4	17		41-50 0	2	>200	0		
					S >5	0		> 50 1	6	TOTAL	678	TOTAL	50
ADVANCED COURSE IN COMPUTER DESIGN (COMPUTER ARCHITECTURE)	0= 3	4	2	R= 5	Q1-2	0	L= 1	1-10 2	1	1- 50	7	ON: IN-OPT	11
	1= 4	2	4	M= 0	Q3-4	2	R= 7	11-20 0	0	51-100	1	OUT-OPT	0
	2= 0	1	1	S= 3	Q >5	0	T= 0	21-30 0	0	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 0	S1-2	0	A= 0	31-40 0	1	151-200	0	ED-INST	6
	4= 0	0	0		S3-4	6		41-50 0	1	>200	0		
					S >5	0		> 50 0	2	TOTAL	189	TOTAL	25
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0= 9	6	3	R= 7	Q1-2	0	L= 6	1-10 9	13	1- 50	17	ON: IN-OPT	9
	1= 8	8	10	M= 4	Q3-4	9	R= 13	11-20 7	3	51-100	2	OUT-OPT	3
	2= 0	4	3	S= 4	Q >5	0	T= 0	21-30 3	0	101-150	0	OFF: NON-ED	0
	3= 2	1	2	N= 4	S1-2	1	A= 0	31-40 0	1	151-200	0	ED-INST	0
	4= 0	0	1		S3-4	9		41-50 0	0	>200	0		
					S >5	0		> 50 0	2	TOTAL	293	TOTAL	11
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0= 9	4	2	R= 8	Q1-2	0	L= 5	1-10 11	12	1- 50	16	ON: IN-OPT	11
	1= 8	13	14	M= 3	Q3-4	5	R= 12	11-20 5	1	51-100	2	OUT-OPT	1
	2= 1	1	1	S= 4	Q >5	0	T= 0	21-30 1	2	101-150	0	OFF: NON-ED	1
	3= 0	0	1	N= 3	S1-2	0	A= 1	31-40 1	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	13		41-50 0	1	>200	0		
					S >5	0		> 50 0	2	TOTAL	220	TOTAL	12
DATA STRUCTURES	0= 6	7	5	R= 9	Q1-2	2	L= 9	1-10 7	4	1- 50	15	ON: IN-OPT	3
	1= 9	8	9	M= 3	Q3-4	5	R= 5	11-20 7	6	51-100	0	OUT-OPT	17
	2= 0	0	1	S= 3	Q >5	0	T= 0	21-30 1	1	101-150	0	OFF: NON-ED	0
	3= 0	0	0	N= 0	S1-2	0	A= 1	31-40 0	2	151-200	0	ED-INST	5
	4= 0	0	0		S3-4	8		41-50 0	1	>200	0		
					S >5	0		> 50 0	1	TOTAL	175	TOTAL	25
AUTOMATA THEORY	0= 1	1	1	R= 1	Q1-2	0	L= 0	1-10 0	1	1- 50	3	ON: IN-OPT	1
	1= 1	1	2	M= 0	Q3-4	0	R= 3	11-20 1	0	51-100	0	OUT-OPT	4
	2= 1	1	0	S= 2	Q >5	0	T= 0	21-30 0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	N= 0	S1-2	0	A= 0	31-40 0	2	151-200	0	ED-INST	3
	4= 0	0	0		S3-4	3		41-50 0	0	>200	0		
					S >5	0		> 50 0	0	TOTAL	30	TOTAL	8
SIMULATION APPLICATIONS (NON-ECONOMETRIC)	0= 2	1	0	R= 3	Q1-2	0	L= 1	1-10 3	5	1- 50	5	ON: IN-OPT	2
	1= 3	3	4	M= 0	Q3-4	1	R= 4	11-20 2	0	51-100	0	OUT-OPT	2
	2= 1	2	1	S= 1	Q >5	0	T= 0	21-30 0	1	101-150	1	OFF: NON-ED	1
	3= 0	0	1	N= 2	S1-2	0	A= 1	31-40 1	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	5		41-50 0	0	>200	0		
					S >5	0		> 50 0	0	TOTAL	186	TOTAL	5
SIMULATION LANGUAGES AND/OR TECHNIQUES	0= 4	3	3	R= 4	Q1-2	0	L= 2	1-10 5	4	1- 50	7	ON: IN-OPT	12
	1= 2	3	4	M= 0	Q3-4	3	R= 4	11-20 4	2	51-100	2	OUT-OPT	10
	2= 2	2	0	S= 2	Q >5	0	T= 0	21-30 0	0	101-150	0	OFF: NON-ED	0
	3= 1	1	2	N= 2	S1-2	0	A= 0	31-40 0	1	151-200	0	ED-INST	8
	4= 0	0	0		S3-4	8		41-50 0	1	>200	0		
					S >5	0		> 50 0	1	TOTAL	158	TOTAL	30
ARTIFICIAL INTELLIGENCE (HEURISTIC PROGRAMMING)	0= 0	0	1	R= 0	Q1-2	0	L= 0	1-10 1	0	1- 50	1	ON: IN-OPT	3
	1= 1	0	0	M= 0	Q3-4	0	R= 1	11-20 0	0	51-100	0	OUT-OPT	0
	2= 0	1	0	S= 1	Q >5	0	T= 0	21-30 0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	N= 0	S1-2	0	A= 0	31-40 0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	1		41-50 0	0	>200	0		
					S >5	0		> 50 0	1	TOTAL	3	TOTAL	3

GROUP V (BACHELORS)) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB * HRS *	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUSS) ON AND OFF-CAMPUS	
HYBRID COMPUTERS	0= 1	1	0	R= 1	Q1=2	0	L=	0 1-10	0	1	1- 50	2	ON: IN-OPT	3
	1= 1	1	1	M= 0	Q3=4	0	R=	2 11-20	2	1	51-100	0	OUT-OPT	0
	2= 0	0	1	S= 1	Q >5	1	T=	0 21-30	0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 0	S1=2	0	A=	0 31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	1		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	55	TOTAL	3
DISCRETE STRUCTURES	0= 3	2	0	R= 3	Q1=2	0	L=	3 1-10	3	4	1- 50	4	ON: IN-OPT	0
	1= 1	1	3	M= 1	Q3=4	1	R=	1 11-20	1	0	51-100	0	OUT-OPT	0
	2= 0	1	1	S= 0	Q >5	0	T=	0 21-30	0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 0	S1=2	0	A=	0 31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	3		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	20	TOTAL	0
COMPUTER ORGANIZATION	0= 8	0	1	R= 3	Q1=2	0	L=	3 1-10	9	5	1- 50	13	ON: IN-OPT	5
	1= 6	12	12	M= 3	Q3=4	2	R=	10 11-20	3	3	51-100	0	OUT-OPT	4
	2= 1	1	0	S= 4	Q >5	0	T=	0 21-30	1	4	101-150	0	OFF: NON-ED	1
	3= 0	0	0	A= 2	S1=2	0	A=	0 31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	11		41-50	0	0	>200	0		
					S >5	0		> 50	0	1	TOTAL	152	TOTAL	10
SWITCHING THEORY	0= 3	1	0	R= 2	Q1=2	0	L=	5 1-10	3	7	1- 50	8	ON: IN-OPT	0
	1= 4	5	6	M= 1	Q3=4	2	R=	4 11-20	4	1	51-100	1	OUT-OPT	1
	2= 1	2	2	S= 3	Q >5	0	T=	0 21-30	2	0	101-150	0	OFF: NON-ED	0
	3= 1	1	1	A= 1	S1=2	0	A=	0 31-40	0	1	151-200	0	ED-INST	2
	4= 0	0	0		S3=4	6		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	193	TOTAL	4
SEQUENTIAL MACHINES	0= 0	0	0	R= 0	Q1=2	0	L=	3 1-10	0	3	1- 50	2	ON: IN-OPT	0
	1= 2	2	2	M= 1	Q3=4	1	R=	0 11-20	1	0	51-100	1	OUT-OPT	0
	2= 0	0	0	S= 1	Q >5	0	T=	0 21-30	2	0	101-150	0	OFF: NON-ED	0
	3= 1	1	1	A= 0	S1=2	0	A=	0 31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	2		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	135	TOTAL	0
COMPILER CONSTRUCTION	0= 2	3	1	R= 6	Q1=2	0	L=	4 1-10	4	3	1- 50	7	ON: IN-OPT	2
	1= 5	2	5	M= 0	Q3=4	3	R=	4 11-20	3	0	51-100	1	OUT-OPT	2
	2= 0	3	2	S= 2	Q >5	0	T=	0 21-30	0	3	101-150	0	OFF: NON-ED	0
	3= 1	0	0	A= 0	S1=2	0	A=	0 31-40	1	1	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	5		41-50	0	0	>200	0		
					S >5	0		> 50	0	1	TOTAL	125	TOTAL	5
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0= 0	0	0	R= 1	Q1=2	0	L=	0 1-10	0	1	1- 50	2	ON: IN-OPT	1
	1= 1	1	1	M= 0	Q3=4	0	R=	2 11-20	2	0	51-100	0	OUT-OPT	10
	2= 1	1	1	S= 1	Q >5	0	T=	0 21-30	0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 0	S1=2	0	A=	0 31-40	0	1	151-200	0	ED-INST	5
	4= 0	0	0		S3=4	2		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	63	TOTAL	16
INTRODUCTORY COMPUTER ORGANIZATION	0= 5	5	1	R= 5	Q1=2	0	L=	10 1-10	4	4	1- 50	11	ON: IN-OPT	1
	1= 8	6	6	M= 2	Q3=4	5	R=	2 11-20	5	1	51-100	1	OUT-OPT	14
	2= 2	3	4	S= 4	Q >5	0	T=	0 21-30	2	3	101-150	0	OFF: NON-ED	1
	3= 0	0	1	A= 1	S1=2	0	A=	0 31-40	1	2	151-200	0	ED-INST	5
	4= 0	0	0		S3=4	7		41-50	0	1	>200	0		
					S >5	0		> 50	0	1	TOTAL	193	TOTAL	23
INFORMATION STORAGE AND RETRIEVAL	0= 0	1	1	R= 2	Q1=2	0	L=	0 1-10	1	2	1- 50	2	ON: IN-OPT	4
	1= 1	1	1	M= 0	Q3=4	1	R=	3 11-20	1	0	51-100	1	OUT-OPT	0
	2= 1	0	0	S= 0	Q >5	0	T=	0 21-30	1	0	101-150	0	OFF: NON-ED	0
	3= 1	1	1	A= 1	S1=2	0	A=	0 31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	2		41-50	0	0	>200	0		
					S >5	0		> 50	0	1	TOTAL	102	TOTAL	4
COMPUTER GRAPHICS	0= 1	1	0	R= 1	Q1=2	0	L=	0 1-10	0	0	1- 50	1	ON: IN-OPT	8
	1= 0	0	1	M= 0	Q3=4	0	R=	1 11-20	1	0	51-100	0	OUT-OPT	0
	2= 0	0	0	S= 0	Q >5	0	T=	0 21-30	0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 0	S1=2	0	A=	0 31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	1		41-50	0	0	>200	0		
					S >5	0		> 50	0	1	TOTAL	15	TOTAL	8
COMPUTABILITY	0= 0	0	0	R= 0	Q1=2	0	L=	0 1-10	1	0	1- 50	1	ON: IN-OPT	1
	1= 1	1	1	M= 0	Q3=4	0	R=	1 11-20	0	0	51-100	0	OUT-OPT	0
	2= 0	0	0	S= 1	Q >5	0	T=	0 21-30	0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 0	S1=2	0	A=	0 31-40	0	1	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	1		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	4	TOTAL	1
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0= 31	17	10	R= 13	Q1=2	1	L=	13 1-10	33	22	1- 50	57	ON: IN-OPT	18
	1= 23	33	36	M= 7	Q3=4	6	R=	44 11-20	22	7	51-100	0	OUT-OPT	21
	2= 4	7	9	S= 20	Q >5	0	T=	0 21-30	3	4	101-150	1	OFF: NON-ED	4
	3= 0	1	0	A= 5	S1=2	3	A=	0 31-40	0	0	151-200	0	ED-INST	6
	4= 0	0	0		S3=4	46		41-50	0	8	>200	0		
					S >5	0		> 50	0	7	TOTAL	533	TOTAL	50
ADVANCED NUMERICAL ANALYSIS	0= 5	4	5	R= 7	Q1=2	0	L=	6 1-10	8	4	1- 50	17	ON: IN-OPT	0
	1= 10	11	10	M= 1	Q3=4	4	R=	11 11-20	8	6	51-100	0	OUT-OPT	13
	2= 2	2	2	S= 7	Q >5	0	T=	0 21-30	1	3	101-150	0	OFF: NON-ED	14
	3= 0	0	0	A= 0	S1=2	2	A=	0 31-40	0	0	151-200	0	ED-INST	6
	4= 0	0	0		S3=4	11		41-50	0	3	>200	0		
					S >5	0		> 50	0	1	TOTAL	156	TOTAL	33
INTRODUCTORY OPERATIONS RESEARCH	0= 5	4	0	R= 3	Q1=2	0	L=	2 1-10	8	10	1- 50	10	ON: IN-OPT	3
	1= 5	7	11	M= 3	Q3=4	2	R=	7 11-20	4	1	51-100	3	OUT-OPT	7
	2= 3	2	2	S= 4	Q >5	0	T=	0 21-30	1	1	101-150	0	OFF: NON-ED	1
	3= 0	0	0	A= 3	S1=2	2	A=	2 31-40	0	1	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	9		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	292	TOTAL	11
ADVANCED OPERATIONS RESEARCH	0= 1	1	0	R= 0	Q1=2	0	L=	1 1-10	1	1	1- 50	2	ON: IN-OPT	0
	1= 1	1	2	M= 2	Q3=4	0	R=	1 11-20	1	1	51-100	0	OUT-OPT	0
	2= 0	0	0	S= 0	Q >5	0	T=	0 21-30	0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 0	S1=2	0	A=	0 31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3=4	2		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	6	TOTAL	0
DATA COMMUNICATIONS	0= 1	0	0	R= 1	Q1=2	0	L=	1 1-10	2	2	1- 50	2	ON: IN-OPT	0
	1= 0	1	1	M= 0	Q3=4	2	R=	1 11-20	0	0	51-100	0	OUT-OPT	0
	2= 0	0	0	S= 0	Q >5	0	T=	0 21-30	0	0	101-150	0	OFF: NON-ED	0
	3= 1	1	0	A= 1	S1=2	0	A=	0 31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	1		S3=4	0		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	24	TOTAL	0

GROUP (BACHELORS) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS$) ON AND OFF-CAMPUS	
PROCESS CONTROL	0= 0	0	0	R= 0	Q1=2 0	L= 0	1=10	0	0	1= 50	2	ON: IN=OPT	0
	1= 2	2	2	M= 0	Q3=4 0	R= 2	11=20	2	0	51=100	0	OUT=OPT	1
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30	0	0	101=150	0	OFF: NON=ED	3
	3= 0	0	0	A= 2	S1=2 0	A= 0	31=40	0	0	151=200	0	ED=INST	0
	4= 0	0	0		S3=4 0		41=50	0	0	>200	0		
					S >5 0		> 50	0	2	TOTAL	30	TOTAL	3
DATA PREPARATION (KEY PUNCH, VERIFIER, DATA ENTRY,...)	0= 0	0	0	R= 2	Q1=2 1	L= 0	1=10	2	0	1= 50	1	ON: IN=OPT	7
	1= 2	2	2	M= 0	Q3=4 1	R= 4	11=20	2	1	51=100	1	OUT=OPT	0
	2= 1	1	1	S= 0	Q >5 0	T= 0	21=30	0	0	101=150	2	OFF: NON=ED	0
	3= 1	1	1	A= 2	S1=2 1	A= 0	31=40	0	2	151=200	0	ED=INST	0
	4= 0	0	0		S3=4 1		41=50	0	1	>200	0		
					S >5 0		> 50	0	0	TOTAL	385	TOTAL	7
UNIT RECORD (EAM)	0= 0	2	3	R= 3	Q1=2 0	L= 0	1=10	2	3	1= 50	7	ON: IN=OPT	8
	1= 6	3	3	M= 0	Q3=4 1	R= 8	11=20	2	0	51=100	0	OUT=OPT	1
	2= 1	1	0	S= 1	Q >5 0	T= 0	21=30	3	2	101=150	1	OFF: NON=ED	0
	3= 1	2	2	A= 3	S1=2 0	A= 0	31=40	1	2	151=200	0	ED=INST	18
	4= 0	0	0		S3=4 7		41=50	0	1	>200	0		
					S >5 0		> 50	0	0	TOTAL	335	TOTAL	27
INTRODUCTORY COURSE IN DATA PROCESSING	0= 8	11	10	R= 13	Q1=2 0	L= 17	1=10	12	42	1= 50	36	ON: IN=OPT	22
	1= 29	23	24	M= 1	Q3=4 10	R= 35	11=20	6	8	51=100	12	OUT=OPT	34
	2= 14	15	14	S= 4	Q >5 2	T= 0	21=30	22	1	101=150	4	OFF: NON=ED	10
	3= 6	7	8	A= 41	S1=2 8	A= 5	31=40	18	2	151=200	3	ED=INST	0
	4= 4	5	5		S3=4 39		41=50	2	8	>200	6		
					S >5 0		> 50	1	0	TOTAL	4151	TOTAL	66
ADVANCED COURSE IN DATA PROCESSING	0= 8	1	1	R= 9	Q1=2 0	L= 0	1=10	2	6	1= 50	12	ON: IN=OPT	9
	1= 3	2	2	M= 0	Q3=4 1	R= 13	11=20	6	2	51=100	0	OUT=OPT	2
	2= 3	4	3	S= 1	Q >5 0	T= 0	21=30	4	2	101=150	0	OFF: NON=ED	1
	3= 2	2	3	A= 3	S1=2 0	A= 0	31=40	1	2	151=200	1	ED=INST	0
	4= 2	4	4		S3=4 11		41=50	0	1	>200	0		
					S >5 0		> 50	0	0	TOTAL	327	TOTAL	11
PROBLEM SOLVING COURSE IN BUSINESS APPLICATIONS	0= 10	5	1	R= 6	Q1=2 0	L= 6	1=10	7	12	1= 50	16	ON: IN=OPT	30
	1= 7	6	10	M= 1	Q3=4 6	R= 12	11=20	9	0	51=100	2	OUT=OPT	8
	2= 1	6	6	S= 1	Q >5 0	T= 0	21=30	3	4	101=150	0	OFF: NON=ED	2
	3= 1	1	1	A= 10	S1=2 1	A= 1	31=40	1	1	151=200	0	ED=INST	0
	4= 3	2	2		S3=4 12		41=50	0	2	>200	2		
					S >5 1		> 50	0	1	TOTAL	763	TOTAL	40
ADVANCED BUSINESS APPLICATIONS (MARKETING, FINANCE, PRODUCTION, ETC.)	0= 1	2	0	R= 1	Q1=2 0	L= 0	1=10	1	4	1= 50	4	ON: IN=OPT	0
	1= 3	1	2	M= 0	Q3=4 0	R= 4	11=20	3	0	51=100	0	OUT=OPT	0
	2= 0	1	2	S= 0	Q >5 2	T= 0	21=30	0	0	101=150	0	OFF: NON=ED	0
	3= 0	0	0	A= 3	S1=2 2	A= 0	31=40	0	0	151=200	0	ED=INST	0
	4= 0	0	0		S3=4 0		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL	40	TOTAL	0
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0= 6	3	2	R= 14	Q1=2 1	L= 10	1=10	6	13	1= 50	10	ON: IN=OPT	3
	1= 10	11	10	M= 0	Q3=4 4	R= 10	11=20	11	4	51=100	2	OUT=OPT	0
	2= 2	3	4	S= 0	Q >5 0	T= 0	21=30	2	1	101=150	0	OFF: NON=ED	2
	3= 1	1	2	A= 6	S1=2 1	A= 0	31=40	1	1	151=200	0	ED=INST	0
	4= 1	2	2		S3=4 14		41=50	0	0	>200	0		
					S >5 0		> 50	0	1	TOTAL	348	TOTAL	5
LARGE SCALE INFORMATION PROCESSING SYSTEMS	0= 1	1	1	R= 1	Q1=2 0	L= 1	1=10	1	1	1= 50	2	ON: IN=OPT	1
	1= 1	1	1	M= 0	Q3=4 0	R= 1	11=20	0	1	51=100	0	OUT=OPT	0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30	1	0	101=150	0	OFF: NON=ED	0
	3= 0	0	0	A= 0	S1=2 0	A= 0	31=40	0	0	151=200	0	ED=INST	0
	4= 0	0	0		S3=4 2		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL	6	TOTAL	1
FILE ORGANIZATION	0= 0	0	0	R= 1	Q1=2 0	L= 0	1=10	0	0	1= 50	1	ON: IN=OPT	1
	1= 1	0	0	M= 0	Q3=4 0	R= 1	11=20	1	0	51=100	0	OUT=OPT	0
	2= 0	1	1	S= 0	Q >5 0	T= 0	21=30	0	0	101=150	0	OFF: NON=ED	0
	3= 0	0	0	A= 0	S1=2 0	A= 0	31=40	0	1	151=200	0	ED=INST	0
	4= 0	0	0		S3=4 1		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL	13	TOTAL	1
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0= 3	2	3	R= 8	Q1=2 0	L= 3	1=10	5	7	1= 50	10	ON: IN=OPT	12
	1= 4	3	2	M= 0	Q3=4 3	R= 5	11=20	3	0	51=100	0	OUT=OPT	0
	2= 2	3	4	S= 0	Q >5 0	T= 0	21=30	1	0	101=150	0	OFF: NON=ED	0
	3= 1	2	1	A= 2	S1=2 0	A= 2	31=40	1	2	151=200	0	ED=INST	0
	4= 0	0	0		S3=4 7		41=50	0	0	>200	0		
					S >5 0		> 50	0	1	TOTAL	153	TOTAL	12
INFORMATION SYSTEMS DESIGN (ADVANCED)	0= 3	1	1	R= 5	Q1=2 0	L= 1	1=10	4	5	1= 50	7	ON: IN=OPT	0
	1= 3	4	2	M= 0	Q3=4 4	R= 5	11=20	1	2	51=100	0	OUT=OPT	0
	2= 1	2	4	S= 0	Q >5 0	T= 0	21=30	2	0	101=150	0	OFF: NON=ED	0
	3= 0	0	0	A= 2	S1=2 0	A= 1	31=40	0	0	151=200	0	ED=INST	0
	4= 0	0	0		S3=4 3		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL	63	TOTAL	0
MANAGEMENT INFORMATION SYSTEMS	0= 2	2	2	R= 3	Q1=2 0	L= 7	1=10	4	11	1= 50	10	ON: IN=OPT	0
	1= 4	5	5	M= 0	Q3=4 7	R= 4	11=20	5	0	51=100	2	OUT=OPT	0
	2= 2	3	3	S= 1	Q >5 0	T= 0	[illegible]	2	1	101=150	0	OFF: NON=ED	0
	3= 0	0	0	A= 7	S1=2 0	A= [illegible]	[illegible]	1	0	151=200	0	ED=INST	0
	4= 2	2	2		S3=4 5		[illegible]-50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL	295	TOTAL	0
MANAGEMENT OF COMPUTER CENTERS OF INFORMATION PROCESSING DEPARTMENTS	0= 0	0	0	R= 1	Q1=2 0	L= 0	1=10	0	1	1= 50	1	ON: IN=OPT	0
	1= 1	1	1	M= 0	Q3=4 1	R= 1	11=20	0	0	51=100	0	OUT=OPT	0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30	1	0	101=150	0	OFF: NON=ED	0
	3= 0	0	0	A= 0	S1=2 0	A= 0	31=40	0	0	151=200	0	ED=INST	0
	4= 0	0	0		S3=4 0		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL	25	TOTAL	0
COMPUTERS AND ACCOUNTING (INCLUDING AUDITING)	0= 3	4	1	R= 2	Q1=2 0	L= 3	1=10	2	7	1= 50	8	ON: IN=OPT	4
	1= 5	4	7	M= 2	Q3=4 0	R= 6	11=20	1	1	51=100	2	OUT=OPT	4
	2= 2	2	2	S= 2	Q >5 0	T= 0	21=30	5	1	101=150	0	OFF: NON=ED	0
	3= 0	0	0	A= 4	S1=2 1	A= 1	31=40	2	1	151=200	0	ED=INST	0
	4= 0	0	0		S3=4 8		41=50	0	0	>200	0		
					S >5 1		> 50	0	1	TOTAL	207	TOTAL	8
ECONOMETRIC SIMULATION APPLICATIONS	0= 1	0	0	R= 0	Q1=2 0	L= 0	1=10	1	1	1= 50	1	ON: IN=OPT	0
	1= 0	1	1	M= 0	Q3=4 0	R= 1	11=20	0	0	51=100	0	OUT=OPT	0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30	0	0	101=150	0	OFF: NON=ED	0
	3= 0	0	0	A= 1	S1=2 0	A= 0	31=40	0	0	151=200	0	ED=INST	0
	4= 0	0	0		S3=4 1		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL	0	TOTAL	0

GROUP (BACHELORS/) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** AVG SECT SIZE NO.	AVG LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUS$) ON AND OFF-CAMPUS
OTHER	0= 27	15	4	A= 36	Q1=2 4	L= 35	1=10	28	48 1= 50	56	ON: IN-OPT 14
	1= 20	28	32	B= 4	Q3=4 22	B= 28	11=20	15	7 51=100	7	OUT-OPT 11
	2= 13	19	19	S= 7	Q >5 3	T= 0	21=30	13	4 101=150	1	OFF: NON-ED 0
	3= 4	3	8	W= 10	S1=2 3	A= 3	31=40	8	1 151=200	0	ED-INST 1
	4= 0	1	1		S3=4 30		41=50	1	1 >200	1	
					S >5 8		> 50	0	4 TOTAL	1533	TOTAL 29
DESCRIPTION NOT CODED	0= 2	3	0	B= 1	Q1=2 1	L= 1	1=10	4	5 1= 50	7	ON: IN-OPT 0
	1= 3	2	5	W= 0	Q3=4 3	B= 3	11=20	3	1 51=100	0	OUT-OPT 0
	2= 0	1	1	S= 0	Q >5 0	T= 0	21=30	0	0 101=150	0	OFF: NON-ED 1
	3= 2	1	1	W= 2	S1=2 0	A= 0	31=40	0	1 151=200	0	ED-INST 5
	4= 0	0	0		S3=4 1		41=50	0	0 >200	0	
					S >5 1		> 50	0	0 TOTAL	49	TOTAL 6

SUMMARY BY COURSE TYPE

GROUP (MASTERS))

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** AVERAGE ** SECT SIZE NO.	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUSS) ON AND OFF-CAMPUS	
COMPUTER APPRECIATION	0= 13	7	5	A= 9	Q1=2 4	1= 15	1-10 11	30	1- 50	31	ON: IN-OPT	28
	1= 17	17	15	A= 3	Q3=4 13	A= 31	11-20 10	4	51-100	9	OUT-OPT	62
	2= 7	9	9	S= 6	Q >5 0	T= 0	21-30 10	6	101-150	6	OFF: NON-ED	0
	3= 11	12	14	N= 31	S1=2 7	A= 3	31-40 5	4	151-200	0	ED-INST	0
	4= 3	8	8		S3=4 26		41-50 2	4	>200	5		
					S >5 0		> 50 1	3	TOTAL 3816		TOTAL	90
PROBLEM SOLVING COURSE IN THE HUMANITIES	0= 15	10	4	A= 0	Q1=2 0	L= 14	1-10 10	20	1- 50	27	ON: IN-OPT	7
	1= 10	12	19	A= 0	Q3=4 0	A= 14	11-20 4	1	51-100	1	OUT-OPT	4
	2= 2	5	4	S= 13	Q >5 1	T= 0	21-30 5	2	101-150	0	OFF: NON-ED	1
	3= 1	1	1	N= 14	S1=2 8	A= 0	31-40 1	2	151-200	0	ED-INST	0
	4= 0	0	0		S3=4 18		41-50 0	1	>200	0		
					S >5 1		> 50 0	2	TOTAL 246		TOTAL	11
INTRODUCTORY COURSE IN SOME COMPILER LANGUAGE SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0= 50	24	17	A= 57	Q1=2 14	L= 33	1-10 52	97	1- 50	150	ON: IN-OPT	484
	1= 59	65	65	A= 24	Q3=4 48	A= 220	11-20 86	55	51-100	41	OUT-OPT	577
	2= 69	78	72	S= 103	Q >5 6	T= 0	21-30 86	33	101-150	34	OFF: NON-ED	70
	3= 61	67	72	N= 80	S1=2 47	A= 1	31-40 25	16	151-200	14	ED-INST	70
	4= 26	31	37		S3=4 148		41-50 10	31	>200	28		
					S >5 0		> 50 5	32	TOTAL 23836		TOTAL	1222
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0= 32	13	8	A= 23	Q1=2 2	L= 16	1-10 22	31	1- 50	51	ON: IN-OPT	54
	1= 17	24	22	A= 7	Q3=4 17	A= 63	11-20 17	10	51-100	14	OUT-OPT	123
	2= 11	10	17	S= 9	Q >5 2	T= 0	21-30 21	8	101-150	8	OFF: NON-ED	0
	3= 10	13	10	N= 35	S1=2 5	A= 2	31-40 11	10	151-200	0	ED-INST	0
	4= 4	6	9		S3=4 48		41-50 3	3	>200	3		
					S >5 0		> 50 1	8	TOTAL 3959		TOTAL	175
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0= 26	11	9	A= 20	Q1=2 4	L= 37	1-10 26	58	1- 50	76	ON: IN-OPT	58
	1= 47	54	52	A= 2	Q3=4 24	A= 61	11-20 30	12	51-100	14	OUT-OPT	111
	2= 16	19	23	S= 73	Q >5 0	T= 0	21-30 18	4	101-150	6	OFF: NON-ED	11
	3= 12	13	13	N= 9	S1=2 18	A= 0	31-40 10	4	151-200	4	ED-INST	7
	4= 3	5	5		S3=4 51		41-50 3	9	>200	2		
					S >5 1		> 50 6	13	TOTAL 4172		TOTAL	189
INTRODUCTORY COURSE IN PROGRAMMING	0= 30	24	13	A= 43	Q1=2 3	L= 25	1-10 38	57	1- 50	81	ON: IN-OPT	265
	1= 36	43	43	A= 16	Q3=4 29	A= 114	11-20 44	26	51-100	29	OUT-OPT	273
	2= 35	36	43	S= 41	Q >5 3	T= 1	21-30 44	15	101-150	13	OFF: NON-ED	9
	3= 38	33	38	A= 47	S1=2 16	A= 1	31-40 15	9	151-200	7	ED-INST	5
	4= 8	11	9		S3=4 94		41-50 2	19	>200	18		
					S >5 2		> 50 5	19	TOTAL 12681		TOTAL	552
ADVANCED COURSE IN PROGRAMMING	0= 43	17	13	A= 57	Q1=2 5	L= 18	1-10 47	49	1- 50	104	ON: IN-OPT	773
	1= 60	51	50	A= 14	Q3=4 40	A= 103	11-20 42	15	51-100	14	OUT-OPT	121
	2= 30	42	41	S= 35	Q >5 3	T= 0	21-30 30	14	101-150	3	OFF: NON-ED	9
	3= 6	10	11	A= 16	S1=2 3	A= 0	31-40 6	12	151-200	2	ED-INST	5
	4= 6	5	9		S3=4 73		41-50 0	6	>200	2		
					S >5 0		> 50 0	29	TOTAL 3504		TOTAL	219
FIRST COURSE IN COMPUTER DESIGN	0= 11	6	2	A= 11	Q1=2 0	L= 8	1-10 10	13	1- 50	21	ON: IN-OPT	3
	1= 9	12	16	A= 6	Q3=4 10	A= 15	11-20 9	3	51-100	2	OUT-OPT	7
	2= 3	3	2	S= 3	Q >5 1	T= 0	21-30 3	2	101-150	0	OFF: NON-ED	1
	3= 1	3	3	A= 3	S1=2 0	A= 0	31-40 2	0	151-200	1	ED-INST	0
	4= 0	0	1		S3=4 12		41-50 0	2	>200	0		
					S >5 0		> 50 0	4	TOTAL 465		TOTAL	10
ADVANCED COURSE IN COMPUTER DESIGN (COMPUTER ARCHITECTURE)	0= 4	5	0	A= 4	Q1=2 0	L= 4	1-10 5	8	1- 50	10	ON: IN-OPT	3
	1= 2	3	2	A= 1	Q3=4 4	A= 5	11-20 4	0	51-100	0	OUT-OPT	2
	2= 1	1	1	S= 3	Q >5 0	T= 0	21-30 1	0	101-150	0	OFF: NON-ED	0
	3= 1	1	1	A= 2	S1=2 0	A= 0	31-40 0	1	151-200	0	ED-INST	0
	4= 0	0	0		S3=4 3		41-50 0	1	>200	0		
					S >5 0		> 50 0	0	TOTAL 87		TOTAL	5
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0= 15	9	4	A= 11	Q1=2 4	L= 10	1-10 14	19	1- 50	36	ON: IN-OPT	7
	1= 16	21	26	A= 11	Q3=4 5	A= 26	11-20 10	2	51-100	2	OUT-OPT	12
	2= 8	4	5	S= 15	Q >5 1	T= 0	21-30 3	3	101-150	0	OFF: NON-ED	3
	3= 3	4	3	A= 1	S1=2 3	A= 0	31-40 1	4	151-200	0	ED-INST	20
	4= 0	0	0		S3=4 23		41-50 1	4	>200	0		
					S >5 0		> 50 0	6	TOTAL 653		TOTAL	41
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0= 21	15	7	A= 39	Q1=2 0	L= 18	1-10 27	23	1- 50	50	ON: IN-OPT	26
	1= 18	24	28	A= 3	Q3=4 18	A= 40	11-20 18	13	51-100	8	OUT-OPT	40
	2= 15	14	18	S= 11	Q >5 2	T= 0	21-30 5	7	101-150	2	OFF: NON-ED	1
	3= 4	5	5	A= 5	S1=2 2	A= 0	31-40 3	7	151-200	0	ED-INST	7
	4= 2	2	2		S3=4 37		41-50 1	4	>200	0		
					S >5 0		> 50 1	6	TOTAL 1483		TOTAL	75
DATA STRUCTURES	0= 17	15	4	A= 17	Q1=2 1	L= 13	1-10 18	29	1- 50	33	ON: IN-OPT	22
	1= 13	14	19	A= 7	Q3=4 5	A= 20	11-20 9	4	51-100	1	OUT-OPT	20
	2= 6	6	11	S= 3	Q >5 1	T= 0	21-30 4	2	101-150	2	OFF: NON-ED	5
	3= 0	1	2	A= 0	S1=2 2	A= 0	31-40 1	1	151-200	0	ED-INST	0
	4= 0	0	0		S3=4 28		41-50 2	2	>200	0		
					S >5 0		> 50 1	3	TOTAL 726		TOTAL	47
AUTOMATA THEORY	0= 3	4	5	A= 6	Q1=2 0	L= 5	1-10 7	7	1- 50	7	ON: IN-OPT	1
	1= 5	0	1	A= 1	Q3=4 2	A= 3	11-20 0	0	51-100	2	OUT-OPT	0
	2= 2	3	3	S= 0	Q >5 0	T= 0	21-30 2	2	101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 1	S1=2 0	A= 0	31-40 0	0	151-200	0	ED-INST	4
	4= 0	0	0		S3=4 7		41-50 0	0	>200	0		
					S >5 0		> 50 0	0	TOTAL 175		TOTAL	5
SIMULATION APPLICATIONS (NON-ECONOMETRIC)	0= 3	4	0	A= 5	Q1=2 0	L= 1	1-10 2	4	1- 50	9	ON: IN-OPT	8
	1= 7	6	10	A= 1	Q3=4 4	A= 10	11-20 5	1	51-100	2	OUT-OPT	6
	2= 3	1	1	S= 3	Q >5 0	T= 0	21-30 2	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 1	S1=2 0	A= 0	31-40 3	2	151-200	1	ED-INST	1
	4= 1	1	1		S3=4 9		41-50 0	3	>200	0		
					S >5 0		> 50 0	2	TOTAL 425		TOTAL	15
SIMULATION LANGUAGES AND/OR TECHNIQUES	0= 18	14	7	A= 19	Q1=2 1	L= 6	1-10 22	14	1- 50	32	ON: IN-OPT	9
	1= 8	10	15	A= 1	Q3=4 12	A= 24	11-20 10	14	51-100	3	OUT-OPT	7
	2= 8	9	10	S= 7	Q >5 0	T= 0	21-30 3	0	101-150	0	OFF: NON-ED	0
	3= 1	2	1	A= 1	S1=2 0	A= 1	31-40 0	1	151-200	0	ED-INST	4
	4= 0	0	2		S3=4 22		41-50 0	4	>200	0		
					S >5 0		> 50 0	4	TOTAL 443		TOTAL	21
ARTIFICIAL INTELLIGENCE (HEURISTIC PROGRAMMING)	0= 3	2	0	A= 1	Q1=2 0	L= 1	1-10 3	3	1- 50	3	ON: IN-OPT	0
	1= 0	1	1	A= 1	Q3=4 0	A= 1	11-20 0	0	51-100	0	OUT-OPT	0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21-30 0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 0	S1=2 0	A= 0	31-40 0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3=4 3		41-50 0	0	>200	0		
					S >5 0		> 50 0	0	TOTAL 0		TOTAL	0

GROUP C (MASTERS) — SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** AVERAGE SECT SIZE	LAB HRS	** ENROLLMENT * 1969-70 * NO. FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS$) ON AND OFF-CAMPUS
HYBRID COMPUTERS	0= 3	2	0	A= 1	Q1-2 0	L= 0	1-10 3	1	1- 50 4	ON: IN-OPT 0
	1= 1	1	4	M= 0	Q3-4 5	R= 5	11-20 1	0	51-100 1	OUT-OPT 6
	2= 0	0	0	S= 5	Q >5 0	T= 0	21-30 1	0	101-150 1	OFF: NON-ED 0
	3= 1	1	1	N= 0	S1-2 0	A= 0	31-40 1	4	151-200 0	ED-INST 0
	4= 1	1	1		S3-4 1		41-50 0	0	>200 0	
					S >5 0		> 50 0	1	TOTAL 263	TOTAL 6
DISCRETE STRUCTURES	0= 15	9	2	A= 10	Q1-2 2	L= 15	1-10 14	19	1- 50 23	ON: IN-OPT 0
	1= 7	10	18	M= 1	Q3-4 9	R= 5	11-20 3	2	51-100 0	OUT-OPT 0
	2= 0	3	1	S= 10	Q >5 1	T= 0	21-30 5	1	101-150 0	OFF: NON-ED 1
	3= 1	1	2	N= 2	S1-2 0	A= 0	31-40 1	0	151-200 0	ED-INST 0
	4= 0	0	0		S3-4 10		41-50 0	0	>200 0	
					S >5 0		> 50 0	1	TOTAL 163	TOTAL 2
COMPUTER ORGANIZATION	0= 7	3	0	A= 11	Q1-2 3	L= 8	1-10 8	10	1- 50 16	ON: IN-OPT 7
	1= 9	12	15	M= 2	Q3-4 3	R= 8	11-20 4	3	51-100 0	OUT-OPT 0
	2= 0	1	1	S= 3	Q >5 2	T= 1	21-30 4	0	101-150 0	OFF: NON-ED 1
	3= 0	0	0	N= 1	S1-2 0	A= 0	31-40 1	0	151-200 1	ED-INST 0
	4= 1	1	1		S3-4 9		41-50 0	4	>200 0	
					S >5 0		> 50 0	2	TOTAL 337	TOTAL 8
SWITCHING THEORY	0= 9	10	2	A= 14	Q1-2 1	L= 10	1-10 13	18	1- 50 20	ON: IN-OPT 4
	1= 8	6	13	M= 0	Q3-4 9	R= 9	11-20 6	1	51-100 0	OUT-OPT 10
	2= 3	3	5	S= 8	Q >5 1	T= 0	21-30 1	1	101-150 2	OFF: NON-ED 0
	3= 1	3	2	N= 0	S1-2 2	A= 0	31-40 3	1	151-200 0	ED-INST 0
	4= 2	1	1		S3-4 9		41-50 0	1	>200 1	
					S >5 0		> 50 0	1	TOTAL 736	TOTAL 14
SEQUENTIAL MACHINES	0= 3	2	0	A= 2	Q1-2 0	L= 2	1-10 2	3	1- 50 3	ON: IN-OPT 0
	1= 0	1	3	M= 0	Q3-4 0	R= 0	11-20 1	0	51-100 0	OUT-OPT 0
	2= 0	0	0	S= 1	Q >5 0	T= 0	21-30 0	0	101-150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1-2 0	A= 0	31-40 0	0	151-200 0	ED-INST 0
	4= 0	0	0		S3-4 3		41-50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 0	TOTAL 0
COMPILER CONSTRUCTION	0= 22	13	2	A= 17	Q1-2 1	L= 9	1-10 21	15	1- 50 29	ON: IN-OPT 5
	1= 5	14	22	M= 3	Q3-4 13	R= 20	11-20 7	4	51-100 1	OUT-OPT 4
	2= 2	1	3	S= 7	Q >5 1	T= 0	21-30 2	1	101-150 0	OFF: NON-ED 0
	3= 0	1	2	N= 1	S1-2 0	A= 0	31-40 0	0	151-200 0	ED-INST 0
	4= 1	1	1		S3-4 14		41-50 0	2	>200 0	
					S >5 0		> 50 0	8	TOTAL 255	TOTAL 9
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0= 2	2	0	A= 4	Q1-2 0	L= 2	1-10 3	4	1- 50 4	ON: IN-OPT 1
	1= 2	0	3	M= 0	Q3-4 3	R= 2	11-20 1	0	51-100 0	OUT-OPT 0
	2= 1	2	1	S= 0	Q >5 0	T= 0	21-30 1	1	101-150 1	OFF: NON-ED 0
	3= 0	1	1	N= 0	S1-2 0	A= 0	31-40 0	0	151-200 0	ED-INST 0
	4= 0	0	0		S3-4 2		41-50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 178	TOTAL 1
INTRODUCTORY COMPUTER ORGANIZATION	0= 9	4	1	A= 10	Q1-2 0	L= 5	1-10 8	13	1- 50 18	ON: IN-OPT 10
	1= 6	8	10	M= 5	Q3-4 2	R= 11	11-20 7	3	51-100 0	OUT-OPT 2
	2= 3	5	7	S= 3	Q >5 1	T= 0	21-30 3	0	101-150 0	OFF: NON-ED 0
	3= 1	2	1	N= 1	S1-2 0	A= 1	31-40 0	1	151-200 0	ED-INST 0
	4= 0	0	0		S3-4 15		41-50 1	0	>200 1	
					S >5 0		> 50 0	2	TOTAL 529	TOTAL 12
ADVANCED COMPUTER ORGANIZATION	0= 2	2	0	A= 4	Q1-2 0	L= 3	1-10 2	4	1- 50 4	ON: IN-OPT 0
	1= 1	1	3	M= 0	Q3-4 2	R= 0	11-20 2	0	51-100 0	OUT-OPT 2
	2= 1	1	1	S= 0	Q >5 0	T= 0	21-30 0	0	101-150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1-2 0	A= 0	31-40 0	0	151-200 0	ED-INST 0
	4= 0	0	0		S3-4 2		41-50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 81	TOTAL 2
INFORMATION STORAGE AND RETRIEVAL	0= 5	4	3	A= 6	Q1-2 0	L= 2	1-10 6	5	1- 50 10	ON: IN-OPT 0
	1= 4	4	5	M= 0	Q3-4 6	R= 7	11-20 5	2	51-100 1	OUT-OPT 2
	2= 2	3	2	S= 3	Q >5 0	T= 0	21-30 0	0	101-150 0	OFF: NON-ED 0
	3= 0	0	1	N= 1	S1-2 0	A= 0	31-40 0	1	151-200 0	ED-INST 0
	4= 0	0	0		S3-4 5		41-50 0	1	>200 0	
					S >5 0		> 50 0	2	TOTAL 187	TOTAL 2
COMPUTER GRAPHICS	0= 4	3	0	A= 3	Q1-2 1	L= 1	1-10 3	3	1- 50 5	ON: IN-OPT 0
	1= 1	1	4	M= 0	Q3-4 2	R= 4	11-20 1	0	51-100 1	OUT-OPT 1
	2= 0	1	1	S= 2	Q >5 1	T= 0	21-30 2	1	101-150 0	OFF: NON-ED 0
	3= 1	1	1	N= 1	S1-2 0	A= 0	31-40 0	0	151-200 0	ED-INST 0
	4= 0	0	0		S3-4 2		41-50 0	0	>200 0	
					S >5 0		> 50 0	2	TOTAL 75	TOTAL 1
COMPUTABILITY	0= 3	2	1	A= 4	Q1-2 0	L= 2	1-10 4	4	1- 50 5	ON: IN-OPT 2
	1= 2	3	3	M= 1	Q3-4 1	R= 3	11-20 1	0	51-100 1	OUT-OPT 0
	2= 1	1	1	S= 1	Q >5 1	T= 0	21-30 1	0	101-150 0	OFF: NON-ED 0
	3= 0	0	1	N= 0	S1-2 0	A= 0	31-40 0	0	151-200 0	ED-INST 2
	4= 0	0	0		S3-4 4		41-50 0	0	>200 0	
					S >5 0		> 50 0	2	TOTAL 78	TOTAL 3
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0= 27	19	16	A= 36	Q1-2 1	L= 30	1-10 42	46	1- 50 97	ON: IN-OPT 51
	1= 63	61	59	M= 9	Q3-4 35	R= 79	11-20 44	18	51-100 9	OUT-OPT 64
	2= 12	24	24	S= 56	Q >5 3	T= 0	21-30 23	19	101-150 3	OFF: NON-ED 9
	3= 6	6	10	N= 8	S1-2 6	A= 0	31-40 2	8	151-200 0	ED-INST 5
	4= 3	1	2		S3-4 68		41-50 0	6	>200 2	
					S >5 0		> 50 0	14	TOTAL 2995	TOTAL 149
ADVANCED NUMERICAL ANALYSIS	0= 20	13	7	A= 18	Q1-2 2	L= 20	1-10 30	30	1- 50 49	ON: IN-OPT 11
	1= 25	33	37	M= 4	Q3-4 22	R= 25	11-20 17	9	51-100 3	OUT-OPT 24
	2= 4	6	8	S= 24	Q >5 2	T= 1	21-30 5	3	101-150 0	OFF: NON-ED 3
	3= 2	1	1	N= 3	S1-2 2	A= 0	31-40 1	4	151-200 0	ED-INST 2
	4= 0	0	0		S3-4 25		41-50 0	2	>200 1	
					S >5 0		> 50 0	5	TOTAL 809	TOTAL 40
INTRODUCTORY OPERATIONS RESEARCH	0= 11	7	2	A= 18	Q1-2 1	L= 15	1-10 11	26	1- 50 31	ON: IN-OPT 13
	1= 15	20	21	M= 2	Q3-4 8	R= 21	11-20 15	1	51-100 4	OUT-OPT 29
	2= 8	7	11	S= 9	Q >5 2	T= 0	21-30 9	4	101-150 0	OFF: NON-ED 0
	3= 3	2	2	N= 8	S1-2 3	A= 0	31-40 3	3	151-200 2	ED-INST 4
	4= 1	2	2		S3-4 23		41-50 0	2	>200 1	
					S >5 0		> 50 0	2	TOTAL 1355	TOTAL 41
ADVANCED OPERATIONS RESEARCH	0= 9	.	0	A= 7	Q1-2 2	L= 10	1-10 11	13	1- 50 16	ON: IN-OPT 2
	1= 7		13	M= 0	Q3-4 6	R= 4	11-20 5	1	51-100 2	OUT-OPT 1
	2= 1		4	S= 5	Q >5 0	T= 0	21-30 2	2	101-150 0	OFF: NON-ED 0
	3= 1	1	1	N= 2	S1-2 0	A= 1	31-40 0	1	151-200 0	ED-INST 2
	4= 0	0	0		S3-4 10		41-50 0	0	>200 0	
					S >5 0		> 50 0	1	TOTAL 248	TOTAL 5

GROUP (MASTERS) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUSS) ON AND OFF-CAMPUS
DATA COMMUNICATIONS	0= 3	3	1	R= 6	Q1-2 0	L= 5	1-10 5	7	1- 50	10	ON: IN-OPT 5
	1= 8	5	6	M= 0	Q3-4 2	M= 4	11-20 2	0	51-100	0	OUT-OPT 1
	2= 1	2	3	S= 3	Q >5 0	T= 0	21-30 1	0	101-150	0	OFF: NON-ED 0
	3= 8	0	0	N= 1	S1-2 0	A= 0	31-40 2	0	151-200	0	ED-INST 0
	4= 0	0	0		S3-4 8		41-50 0	1	>200	0	
					S >5 0		> 50 0	2	TOTAL 153		TOTAL 5
PROCESS CONTROL	0= 4	2	0	R= 7	Q1-2 0	L= 6	1-10 3	6	1- 50	10	ON: IN-OPT 1
	1= 4	7	9	M= 0	Q3-4 9	M= 7	11-20 4	2	51-100	2	OUT-OPT 11
	2= 4	3	3	S= 6	Q >5 2	T= 0	21-30 3	1	101-150	0	OFF: NON-ED 0
	3= 1	1	1	N= 0	S1-2 0	A= 0	31-40 0	3	151-200	1	ED-INST 0
	4= 0	0	0		S3-4 2		41-50 0	1	>200	0	
					S >5 0		> 50 1	0	TOTAL 473		TOTAL 12
DATA PREPARATION (KEY PUNCH, VERIFIER, DATA ENTRY,...)	0= 8	0	1	R= 2	Q1-2 2	L= 0	1-10 1	1	1- 50	2	ON: IN-OPT 0
	1= 0	0	0	M= 0	Q3-4 0	M= 4	11-20 1	1	51-100	0	OUT-OPT 7
	2= 2	2	2	S= 0	Q >5 0	T= 0	21-30 2	1	101-150	1	OFF: NON-ED 0
	3= 2	2	1	N= 2	S1-2 2	A= 0	31-40 0	1	151-200	0	ED-INST 0
	4= 0	0	0		S3-4 0		41-50 0	0	>200	1	
					S >5 0		> 50 0	0	TOTAL 570		TOTAL 7
UNIT RECORD (EAM)	0= 3	6	6	R= 12	Q1-2 0	L= 1	1-10 5	10	1- 50	18	ON: IN-OPT 14
	1= 18	7	6	M= 0	Q3-4 4	M= 28	11-20 19	7	51-100	8	OUT-OPT 23
	2= 11	9	12	S= 0	Q >5 0	T= 0	21-30 6	5	101-150	1	OFF: NON-ED 0
	3= 4	7	4	N= 19	S1-2 4	A= 1	31-40 4	3	151-200	1	ED-INST 0
	4= 2	1	3		S3-4 22		41-50 0	2	>200	3	
					S >5 0		> 50 1	4	TOTAL 2302		TOTAL 37
INTRODUCTORY COURSE IN DATA PROCESSING	0= 14	9	10	R= 30	Q1-2 1	L= 22	1-10 12	54	1- 50	30	ON: IN-OPT 97
	1= 17	17	17	M= 6	Q3-4 17	M= 60	11-20 16	18	51-100	22	OUT-OPT 175
	2= 26	20	18	S= 3	Q >5 6	T= 1	21-30 36	6	101-150	11	OFF: NON-ED 4
	3= 24	31	29	N= 51	S1-2 8	A= 9	31-40 15	5	151-200	12	ED-INST 11
	4= 10	14	16		S3-4 59		41-50 4	6	>200	16	
					S >5 0		> 50 7	4	TOTAL 13361		TOTAL 297
ADVANCED COURSE IN DATA PROCESSING	0= 4	5	2	R= 14	Q1-2 0	L= 6	1-10 11	12	1- 50	16	ON: IN-OPT 4
	1= 6	7	9	M= 1	Q3-4 6	M= 17	11-20 6	1	51-100	4	OUT-OPT 16
	2= 4	3	3	S= 5	Q >5 1	T= 0	21-30 5	3	101-150	2	OFF: NON-ED 0
	3= 7	8	9	N= 5	S1-2 2	A= 2	31-40 3	2	151-200	3	ED-INST 0
	4= 2	2	2		S3-4 16		41-50 0	5	>200	0	
					S >5 0		> 50 1	2	TOTAL 1292		TOTAL 20
PROBLEM SOLVING COURSE IN BUSINESS APPLI- CATIONS	0= 13	7	5	R= 16	Q1-2 0	L= 12	1-10 14	24	1- 50	41	ON: IN-OPT 25
	1= 20	26	22	M= 4	Q3-4 9	M= 39	11-20 17	13	51-100	5	OUT-OPT 58
	2= 13	10	13	S= 4	Q >5 7	T= 0	21-30 17	8	101-150	4	OFF: NON-ED 3
	3= 7	8	13	N= 30	S1-2 2	A= 1	31-40 3	4	151-200	1	ED-INST 4
	4= 2	4	2		S3-4 32		41-50 3	3	>200	4	
					S >5 2		> 50 1	3	TOTAL 3174		TOTAL 90
ADVANCED BUSINESS APPLI- CATIONS (MARKETING, FINANCE, PRODUCTION, ETC.)	0= 6	2	2	R= 13	Q1-2 1	L= 5	1-10 7	17	1- 50	18	ON: IN-OPT 14
	1= 11	12	11	M= 2	Q3-4 9	M= 19	11-20 9	6	51-100	6	OUT-OPT 32
	2= 7	9	9	S= 6	Q >5 0	T= 1	21-30 9	3	101-150	2	OFF: NON-ED 1
	3= 4	4	5	N= 8	S1-2 0	A= 3	31-40 4	0	151-200	2	ED-INST 0
	4= 1	2	2		S3-4 17		41-50 0	3	>200	1	
					S >5 0		> 50 0	0	TOTAL 1627		TOTAL 47
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0= 15	11	3	R= 19	Q1-2 0	L= 18	1-10 18	30	1- 50	31	ON: IN-OPT 14
	1= 12	14	19	M= 4	Q3-4 9	M= 18	11-20 9	4	51-100	5	OUT-OPT 22
	2= 10	10	12	S= 3	Q >5 1	T= 0	21-30 7	0	101-150	1	OFF: NON-ED 0
	3= 0	2	2	N= 10	S1-2 0	A= 2	31-40 2	2	151-200	8	ED-INST 0
	4= 1	1	2		S3-4 28		41-50 0	2	>200	1	
					S >5 0		> 50 2	0	TOTAL 1294		TOTAL 36
LARGE SCALE INFORMATION PROCESSING SYSTEMS	0= 3	2	1	R= 4	Q1-2 0	L= 2	1-10 2	7	1- 50	9	ON: IN-OPT 9
	1= 4	5	7	M= 0	Q3-4 0	M= 5	11-20 7	1	51-100	1	OUT-OPT 0
	2= 2	2	1	S= 6	Q >5 0	T= 0	21-30 1	1	101-150	0	OFF: NON-ED 0
	3= 1	1	1	N= 0	S1-2 0	A= 2	31-40 0	0	151-200	0	ED-INST 2
	4= 0	0	0		S3-4 10		41-50 0	0	>200	0	
					S >5 0		> 50 0	1	TOTAL 214		TOTAL 11
FILE ORGANIZATION	0= 2	1	0	R= 4	Q1-2 0	L= 1	1-10 1	3	1- 50	3	ON: IN-OPT 0
	1= 1	1	2	M= 0	Q3-4 3	M= 2	11-20 1	0	51-100	0	OUT-OPT 17
	2= 0	1	0	S= 0	Q >5 1	T= 0	21-30 2	0	101-150	0	OFF: NON-ED 0
	3= 0	0	1	N= 0	S1-2 0	A= 0	31-40 0	0	151-200	0	ED-INST 0
	4= 1	1	1		S3-4 0		41-50 0	0	>200	1	
					S >5 0		> 50 0	1	TOTAL 265		TOTAL 17
DATA BASE MANAGEMENT	0= 1	1	0	R= 0	Q1-2 0	L= 0	1-10 1	1	1- 50	1	ON: IN-OPT 0
	1= 0	0	1	M= 0	Q3-4 0	M= 0	11-20 0	0	51-100	0	OUT-OPT 0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21-30 0	0	101-150	0	OFF: NON-ED 0
	3= 0	0	0	N= 1	S1-2 0	A= 0	31-40 0	0	151-200	0	ED-INST 0
	4= 0	0	0		S3-4 1		41-50 0	0	>200	0	
					S >5 0		> 50 0	0	TOTAL 0		TOTAL 0
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0= 10	6	4	R= 11	Q1-2 0	L= 9	1-10 10	20	1- 50	22	ON: IN-OPT 1
	1= 8	11	11	M= 2	Q3-4 7	M= 13	11-20 9	0	51-100	2	OUT-OPT 14
	2= 5	6	8	S= 2	Q >5 0	T= 0	21-30 4	1	101-150	0	OFF: NON-ED 0
	3= 0	0	0	N= 9	S1-2 1	A= 2	31-40 2	0	151-200	0	ED-INST 0
	4= 2	2	2		S3-4 17		41-50 0	1	>200	1	
					S >5 0		> 50 0	3	TOTAL 667		TOTAL 15
INFORMATION SYSTEMS DESIGN (ADVANCED)	0= 5	2	1	R= 5	Q1-2 0	L= 3	1-10 4	6	1- 50	10	ON: IN-OPT 4
	1= 4	6	5	M= 0	Q3-4 4	M= 7	11-20 5	1	51-100	0	OUT-OPT 3
	2= 1	2	3	S= 2	Q >5 0	T= 0	21-30 1	0	101-150	0	OFF: NON-ED 0
	3= 0	0	1	N= 3	S1-2 0	A= 0	31-40 0	1	151-200	0	ED-INST 0
	4= 0	0	0		S3-4 8		41-50 0	1	>200	0	
					S >5 0		> 50 0	1	TOTAL 91		TOTAL 7
MANAGEMENT INFORMATION SYSTEMS	0= 4	4	0	R= 13	Q1-2 0	L= 3	1-10 6	12	1- 50	11	ON: IN-OPT 10
	1= 4	4	5	M= 2	Q3-4 6	M= 13	11-20 3	1	51-100	6	OUT-OPT 8
	2= 5	5	8	S= 0	Q >5 0	T= 0	21-30 7	3	101-150	1	OFF: NON-ED 1
	3= 3	4	4	N= 3	S1-2 5	A= 1	31-40 0	0	151-200	0	ED-INST 12
	4= 2	1	1		S3-4 8		41-50 0	1	>200	0	
					S >5 0		> 50 2	1	TOTAL 702		TOTAL 30
MANAGEMENT OF COMPUTER CENTERS OF INFORMATION PROCESSING DEPARTMENTS	0= 8	4	1	R= 8	Q1-2 1	L= 6	1-10 9	15	1- 50	15	ON: IN-OPT 6
	1= 4	7	9	M= 1	Q3-4 5	M= 8	11-20 2	1	51-100	0	OUT-OPT 4
	2= 3	2	3	S= 1	Q >5 0	T= 0	21-30 5	0	101-150	0	OFF: NON-ED 0
	3= 0	1	1	N= 5	S1-2 1	A= 0	31-40 0	0	151-200	0	ED-INST 0
	4= 1	2	2		S3-4 9		41-50 0	0	>200	1	
					S >5 0		> 50 0	0	TOTAL 471		TOTAL 10

GROUP (MASTERS) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE		CR HOURS QTR AND SEMESTER		MODE OF OPER		** AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUS$) ON AND OFF-CAMPUS	
COMPUTERS AND ACCOUNTING (INCLUDING AUDITING)	0= 2	1	1	R=	2	Q1-2	0	L=	7	1-10	6	7	1- 50	9	ON: IN-OPT 1
	1= 6	8	8	M=	1	Q3-4	6	R=	4	11-20	2	1	51-100	0	OUT-OPT 1
	2= 2	1	1	S=	0	Q >5	0	T=	0	21-30	2	1	101-150	1	OFF: NON-ED 0
	3= 0	0	0	N=	8	S 1-2	1	A=	0	31-40	1	1	151-200	0	ED-INST 0
	4= 3	1	1			S3-4	4			41-50	0	0	>200	1	
						S >5	0			> 50	0	1	TOTAL	672	TOTAL 1
ECONOMETRIC SIMULATION APPLICATIONS	0= 4	3	0	R=	1	Q1-2	0	L=	9	1-10	7	12	1- 50	13	ON: IN-OPT 0
	1= 9	10	13	M=	0	Q3-4	4	R=	4	11-20	3	1	51-100	0	OUT-OPT 2
	2= 0	0	0	S=	5	Q >5	0	T=	0	21-30	1	0	101-150	0	OFF: NON-ED 1
	3= 0	0	0	N=	6	S1-2	1	A=	0	31-40	1	0	151-200	0	ED-INST 1
	4= 0	0	0			S3-4	8			41-50	1	0	>200	0	
						S >5	0			> 50	0	0	TOTAL	199	TOTAL 4
OTHER	0= 58	36	17	R=	53	Q1-2	17	L=	37	1-10	68	90	1- 50	116	ON: IN-OPT 19
	1= 34	42	52	M=	9	Q3-4	18	R=	78	11-20	21	11	51-100	8	OUT-OPT 15
	2= 18	25	27	S=	37	Q >5	3	T=	0	21-30	17	5	101-150	0	OFF: NON-ED 1
	3= 14	16	21	N=	15	S1-2	18	A=	4	31-40	0	4	151-200	5	ED-INST 3
	4= 6	11	13			S3-4	71			41-50	3	1	>200	1	
						S >5	2			> 50	1	19	TOTAL	2761	TOTAL 38
DESCRIPTION NOT CODED	0= 9	9	7	R=	0	Q1-2	0	L=	8	1-10	6	9	1- 50	12	ON: IN-OPT 4
	1= 3	2	4	M=	0	Q3-4	5	R=	2	11-20	5	1	51-100	3	OUT-OPT 2
	2= 1	2	2	S=	4	Q >5	0	T=	0	21-30	6	1	101-150	1	OFF: NON-ED 1
	3= 3	3	3	N=	4	S1-2	1	A=	5	31-40	1	0	151-200	0	ED-INST 0
	4= 2	2	2			S3-4	6			41-50	0	0	>200	2	
						S >5	2			> 50	0	7	TOTAL	1190	TOTAL 8

SUMMARY BY COURSE TYPE

GROUP (DOCTORATE))

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** NO.	** AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUS$) ON AND OFF-CAMPUS	
COMPUTER APPRECIATION	0= 19	13	10	R= 13	Q1-2 6	L= 32	1-10	14	44	1- 50	39	ON: IN-OPT	26
	1= 28	32	31	M= 3	Q3-4 14	R= 34	11-20	14	10	51-100	14	OUT-OPT	110
	2= 9	9	12	S= 16	Q >5 2	T= 0	21-30	16	10	101-150	4	OFF: NON-ED	0
	3= 9	11	10	N= 36	S1-2 12	A= 5	31-40	7	2	151-200	6	ED-INST	0
	4= 6	6	8		S3-4 32		41-50	7	0	>200	8		
					S >5 0		> 50	13	5	TOTAL	6425	TOTAL	136
PROBLEM SOLVING COURSE IN THE HUMANITIES	0= 8	5	4	R= 8	Q1-2 2	L= 15	1-10	18	16	1- 50	40	ON: IN-OPT	58
	1= 30	30	30	M= 1	Q3-4 8	R= 31	11-20	15	4	51-100	4	OUT-OPT	67
	2= 4	6	5	S= 7	Q >5 2	T= 0	21-30	8	6	101-150	1	OFF: NON-ED	0
	3= 4	5	7	N= 30	S1-2 1	A= 1	31-40	2	5	151-200	1	ED-INST	0
	4= 2	2	2		S3-4 32		41-50	1	7	>200	2		
					S >5 0		> 50	4	10	TOTAL	1840	TOTAL	125
INTRODUCTORY COURSE IN SOME COMPILER LANGUAGE SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0= 48	15	17	R= 95	Q1-2 19	L= 63	1-10	41	120	1- 50	98	ON: IN-OPT	582
	1= 60	68	71	M= 10	Q3-4 77	R= 225	11-20	52	36	51-100	49	OUT-OPT	1799
	2= 64	69	58	S= 96	Q >5 11	T= 7	21-30	95	39	101-150	34	OFF: NON-ED	2
	3= 92	100	97	N= 95	S1-2 70	A= 5	31-40	49	34	151-200	22	ED-INST	13
	4= 48	51	60		S3-4 115		41-50	18	24	>200	103		
					S >5 1		> 50	51	53	TOTAL	70354	TOTAL	2400
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0= 11	5	5	R= 22	Q1-2 0	L= 22	1-10	12	32	1- 50	31	ON: IN-OPT	80
	1= 18	16	19	M= 0	Q3-4 16	R= 37	11-20	13	5	51-100	11	OUT-OPT	172
	2= 17	20	15	S= 11	Q >5 4	T= 0	21-30	15	3	101-150	6	OFF: NON-ED	0
	3= 10	15	18	N= 26	S1-2 7	A= 2	31-40	15	6	151-200	5	ED-INST	2
	4= 6	8	5		S3-4 34		41-50	4	6	>200	8		
					S >5 0		> 50	4	11	TOTAL	5919	TOTAL	254
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0= 58	31	30	R= 29	Q1-2 21	L= 87	1-10	118	165	1- 50	185	ON: IN-OPT	253
	1= 93	125	120	M= 4	Q3-4 83	R= 147	11-20	58	22	51-100	31	OUT-OPT	241
	2= 48	39	44	S= 162	Q >5 12	T= 1	21-30	34	12	101-150	8	OFF: NON-ED	2
	3= 30	33	34	N= 27	S1-2 19	A= 3	31-40	16	10	151-200	5	ED-INST	1
	4= 13	14	14		S3-4 102		41-50	6	14	>200	13		
					S >5 0		> 50	10	19	TOTAL	11182	TOTAL	497
INTRODUCTORY COURSE IN PROGRAMMING	0= 31	31	19	R= 70	Q1-2 7	L= 51	1-10	26	86	1- 50	71	ON: IN-OPT	361
	1= 42	40	43	M= 9	Q3-4 37	R= 108	11-20	42	18	51-100	34	OUT-OPT	475
	2= 40	36	38	S= 37	Q >5 6	T= 0	21-30	47	17	101-150	17	OFF: NON-ED	3
	3= 38	41	42	N= 45	S1-2 27	A= 5	31-40	20	11	151-200	7	ED-INST	2
	4= 14	16	22		S3-4 82		41-50	6	13	>200	36		
					S >5 3		> 50	24	20	TOTAL	22791	TOTAL	877
ADVANCED COURSE IN PROGRAMMING	0= 60	36	18	R= 95	Q1-2 5	L= 79	1-10	74	102	1- 50	157	ON: IN-OPT	208
	1= 87	96	103	M= 9	Q3-4 49	R= 142	11-20	59	36	51-100	35	OUT-OPT	627
	2= 39	46	51	S= 68	Q >5 10	T= 0	21-30	46	14	101-150	17	OFF: NON-ED	2
	3= 36	36	36	N= 40	S1-2 22	A= 4	31-40	36	19	151-200	5	ED-INST	12
	4= 5	13	16		S3-4 137		41-50	6	14	>200	13		
					S >5 2		> 50	6	42	TOTAL	12217	TOTAL	921
FIRST COURSE IN COMPUTER DESIGN	0= 13	7	5	R= 39	Q1-2 0	L= 37	1-10	16	49	1- 50	88	ON: IN-OPT	19
	1= 35	38	38	M= 2	Q3-4 22	R= 30	11-20	16	6	51-100	14	OUT-OPT	17
	2= 17	17	18	S= 27	Q >5 2	T= 0	21-30	24	3	101-150	5	OFF: NON-ED	0
	3= 9	8	9	N= 1	S1-2 3	A= 3	31-40	8	4	151-200	2	ED-INST	0
	4= 2	2	2		S3-4 43		41-50	4	2	>200	3		
					S >5 0		> 50	2	8	TOTAL	3731	TOTAL	36
ADVANCED COURSE IN COMPUTER DESIGN (COMPUTER ARCHITECTURE)	0= 17	9	2	R= 33	Q1-2 3	L= 45	1-10	31	49	1- 50	54	ON: IN-OPT	20
	1= 31	38	42	M= 5	Q3-4 18	R= 19	11-20	19	5	51-100	12	OUT-OPT	31
	2= 18	17	17	S= 16	Q >5 4	T= 0	21-30	11	5	101-150	1	OFF: NON-ED	0
	3= 8	6	7	N= 1	S1-2 4	A= 3	31-40	2	2	151-200	1	ED-INST	0
	4= 3	1	1		S3-4 39		41-50	3	2	>200	1		
					S >5 1		> 50	3	6	TOTAL	2189	TOTAL	69
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0= 28	11	8	R= 67	Q1-2 1	L= 58	1-10	37	76	1- 50	93	ON: IN-OPT	75
	1= 68	76	73	M= 9	Q3-4 32	R= 63	11-20	34	11	51-100	20	OUT-OPT	261
	2= 18	24	26	S= 28	Q >5 6	T= 2	21-30	26	15	101-150	5	OFF: NON-ED	0
	3= 11	11	15	N= 14	S1-2 0	A= 2	31-40	14	7	151-200	4	ED-INST	11
	4= 1	4	4		S3-4 86		41-50	8	5	>200	4		
					S >5 0		> 50	4	12	TOTAL	5593	TOTAL	346
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0= 49	32	19	R= 88	Q1-2 5	L= 83	1-10	51	98	1- 50	117	ON: IN-OPT	137
	1= 77	86	88	M= 12	Q3-4 47	R= 64	11-20	37	12	51-100	27	OUT-OPT	355
	2= 14	18	27	S= 28	Q >5 6	T= 3	21-30	40	18	101-150	4	OFF: NON-ED	0
	3= 13	14	17	N= 8	S1-2 3	A= 5	31-40	12	6	151-200	4	ED-INST	0
	4= 5	6	5		S3-4 91		41-50	5	9	>200	4		
					S >5 2		> 50	11	13	TOTAL	6050	TOTAL	492
DATA STRUCTURES	0= 26	18	5	R= 57	Q1-2 0	L= 51	1-10	30	60	1- 50	67	ON: IN-OPT	68
	1= 42	44	52	M= 4	Q3-4 25	R= 33	11-20	22	4	51-100	13	OUT-OPT	133
	2= 9	17	17	S= 14	Q >5 2	T= 1	21-30	19	14	101-150	3	OFF: NON-ED	1
	3= 6	6	9	N= 6	S1-2 1	A= 2	31-40	11	3	151-200	2	ED-INST	7
	4= 2	2	4		S3-4 58		41-50	5	0	>200	2		
					S >5 1		> 50	0	8	TOTAL	2809	TOTAL	208
AUTOMATA THEORY	0= 43	26	14	R= 68	Q1-2 4	L= 102	1-10	63	108	1- 50	114	ON: IN-OPT	7
	1= 68	80	90	M= 4	Q3-4 34	R= 12	11-20	28	4	51-100	3	OUT-OPT	11
	2= 6	9	12	S= 29	Q >5 6	T= 0	21-30	19	3	101-150	1	OFF: NON-ED	0
	3= 1	2	1	N= 0	S1-2 7	A= 3	31-40	7	3	151-200	0	ED-INST	2
	4= 0	1	1		S3-4 66		41-50	0	0	>200	0		
					S >5 0		> 50	1	0	TOTAL	1666	TOTAL	19
SIMULATION APPLICATIONS (NON-ECONOMETRIC)	0= 16	13	8	R= 16	Q1-2 1	L= 22	1-10	31	27	1- 50	46	ON: IN-OPT	40
	1= 26	29	30	M= 2	Q3-4 10	R= 29	11-20	15	9	51-100	4	OUT-OPT	53
	2= 9	5	7	S= 18	Q >5 3	T= 0	21-30	4	4	101-150	1	OFF: NON-ED	0
	3= 2	2	3	N= 11	S1-2 1	A= 0	31-40	1	3	151-200	0	ED-INST	1
	4= 3	3	4		S3-4 35		41-50	0	1	>200	1		
					S >5 0		> 50	1	0	TOTAL	1231	TOTAL	94
SIMULATION LANGUAGES AND/OR TECHNIQUES	0= 29	21	7	R= 36	Q1-2 3	L= 50	1-10	46	55	1- 50	79	ON: IN-OPT	97
	1= 51	52	41	M= 2	Q3-4 23	R= 37	11-20	22	6	51-100	8	OUT-OPT	71
	2= 6	10	15	S= 25	Q >5 2	T= 1	21-30	14	11	101-150	1	OFF: NON-ED	0
	3= 2	4	3	N= 14	S1-2 2	A= 1	31-40	4	5	151-200	0	ED-INST	2
	4= 3	2	3		S3-4 58		41-50	1	4	>200	1		
					S >5 0		> 50	2	8	TOTAL	1980	TOTAL	140
ARTIFICIAL INTELLIGENCE (HEURISTIC PROGRAMMING)	0= 29	20	11	R= 36	Q1-2 2	L= 50	1-10	35	53	1- 50	82	ON: IN-OPT	27
	1= 35	42	50	M= 1	Q3-4 20	R= 20	11-20	16	2	51-100	7	OUT-OPT	34
	2= 4	7	7	S= 14	Q >5 3	T= 0	21-30	13	4	101-150	3	OFF: NON-ED	0
	3= 2	2	2	N= 3	S1-2 2	A= 1	31-40	2	5	151-200	0	ED-INST	0
	4= 2	1	2		S3-4 45		41-50	0	4	>200	0		
					S >5 0		> 50	6	4	TOTAL	1468	TOTAL	61

GROUP (DOCTORATE)) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	NO.	AVERAGE SECT SIZE	LAB HRS	ENROLLMENT 1969-70 NO.	FREQ	COST COMPUTER SVCS 1969-70 (THOUSS) ON AND OFF-CAMPUS	
HYBRID COMPUTERS	0= 12	7	4	R= 13	Q1=2 2	L= 11	1-10	16	19	1- 50	36	ON: IN-OPT	26
	1= 19	25	28	M= 1	Q3=4 15	R= 23	11-20	15	5	51-100	1	OUT-OPT	11
	2= 6	4	4	S= 16	Q >5 0	T= 0	21-30	4	7	101-150	0	OFF: NON-ED	0
	3= 0	1	1	N= 0	S1=2 0	A= 1	31-40	1	3	151-200	0	ED-INST	0
	4= 0	0	0		S3=4 20		41-50	0	1	>200	0		
					S >5 0		> 50	1	2	TOTAL 628		TOTAL	38
DISCRETE STRUCTURES	0= 16	10	1	R= 31	Q1=2 1	L= 30	1-10	17	35	1- 50	36	ON: IN-OPT	12
	1= 18	22	26	M= 4	Q3=4 10	R= 13	11-20	5	4	51-100	5	OUT-OPT	21
	2= 7	8	12	S= 3	Q >5 1	T= 0	21-30	11	0	101-150	0	OFF: NON-ED	0
	3= 2	3	4	N= 1	S1=2 1	A= 0	31-40	5	0	151-200	2	ED-INST	0
	4= 0	0	0		S3=4 27		41-50	5	1	>200	0		
					S >5 2		> 50	0	3	TOTAL 1178		TOTAL	33
COMPUTER ORGANIZATION	0= 24	11	8	R= 47	Q1=2 2	L= 39	1-10	21	50	1- 50	63	ON: IN-OPT	33
	1= 39	48	48	M= 5	Q3=4 21	R= 36	11-20	14	11	51-100	8	OUT-OPT	100
	2= 11	10	10	S= 7	Q >5 5	T= 1	21-30	23	9	101-150	2	OFF: NON-ED	0
	3= 4	7	10	N= 3	S1=2 3	A= 1	31-40	12	0	151-200	4	ED-INST	4
	4= 1	3	3		S3=4 47		41-50	6	6	>200	2		
					S >5 1		> 50	3	3	TOTAL 3297		TOTAL	137
SWITCHING THEORY	0= 17	12	8	R= 50	Q1=2 2	L= 66	1-10	27	83	1- 50	59	ON: IN-OPT	8
	1= 48	51	52	M= 1	Q3=4 31	R= 20	11-20	21	3	51-100	19	OUT-OPT	24
	2= 19	12	16	S= 25	Q >5 2	T= 0	21-30	23	2	101-150	7	OFF: NON-ED	0
	3= 9	11	9	N= 2	S1=2 4	A= 1	31-40	9	0	151-200	2	ED-INST	0
	4= 3	3	4		S3=4 49		41-50	5	0	>200	2		
					S >5 1		> 50	4	1	TOTAL 4290		TOTAL	32
SEQUENTIAL MACHINES	0= 9	2	3	R= 12	Q1=2 0	L= 29	1-10	14	29	1- 50	24	ON: IN-OPT	0
	1= 15	23	22	M= 1	Q3=4 15	R= 0	11-20	9	1	51-100	6	OUT-OPT	11
	2= 4	3	3	S= 10	Q >5 0	T= 0	21-30	2	0	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 0	S1=2 0	A= 1	31-40	3	0	151-200	0	ED-INST	0
	4= 1	1	1		S3=4 15		41-50	1	0	>200	0		
					S >5 0		> 50	1	0	TOTAL 727		TOTAL	11
COMPILER CONSTRUCTION	0= 29	15	5	R= 53	Q1=2 2	L= 47	1-10	44	56	1- 50	76	ON: IN-OPT	39
	1= 58	60	68	M= 2	Q3=4 32	R= 43	11-20	17	9	51-100	12	OUT-OPT	87
	2= 8	12	11	S= 17	Q >5 3	T= 0	21-30	14	9	101-150	1	OFF: NON-ED	0
	3= 3	3	6	N= 4	S1=2 2	A= 0	31-40	9	1	151-200	1	ED-INST	0
	4= 0	0	0		S3=4 50		41-50	3	6	>200	0		
					S >5 0		> 50	3	9	TOTAL 2331		TOTAL	126
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0= 34	29	15	R= 54	Q1=2 1	L= 70	1-10	43	74	1- 50	87	ON: IN-OPT	13
	1= 53	56	68	M= 0	Q3=4 25	R= 21	11-20	28	6	51-100	5	OUT-OPT	37
	2= 4	5	7	S= 13	Q >5 5	T= 0	21-30	12	6	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 11	S1=2 1	A= 0	31-40	6	2	151-200	0	ED-INST	3
	4= 0	1	1		S3=4 40		41-50	2	2	>200	0		
					S >5 0		> 50	1	2	TOTAL 1315		TOTAL	53
INTRODUCTORY COMPUTER ORGANIZATION	0= 18	8	1	R= 30	Q1=2 2	L= 26	1-10	12	33	1- 50	27	ON: IN-OPT	34
	1= 14	14	17	M= 4	Q3=4 11	R= 17	11-20	10	1	51-100	10	OUT-OPT	68
	2= 12	14	16	S= 6	Q >5 2	T= 1	21-30	9	5	101-150	4	OFF: NON-ED	0
	3= 7	9	11	N= 3	S1=2 1	A= 3	31-40	7	3	151-200	5	ED-INST	0
	4= 0	2	2		S3=4 30		41-50	6	1	>200	1		
					S >5 0		> 50	3	4	TOTAL 2725		TOTAL	102
ADVANCED COMPUTER ORGANIZATION	0= 11	12	6	R= 31	Q1=2 0	L= 44	1-10	27	49	1- 50	52	ON: IN-OPT	10
	1= 43	41	43	M= 3	Q3=4 15	R= 13	11-20	13	1	51-100	5	OUT-OPT	24
	2= 4	5	8	S= 7	Q >5 2	T= 1	21-30	12	0	101-150	1	OFF: NON-ED	0
	3= 9	1	2	N= 6	S1=2 1	A= 2	31-40	6	0	151-200	1	ED-INST	0
	4= 0	1	1		S3=4 41		41-50	1	1	>200	1		
					S >5 1		> 50	1	3	TOTAL 1595		TOTAL	35
INFORMATION STORAGE AND RETRIEVAL	0= 17	14	10	R= 23	Q1=2 1	L= 40	1-10	33	39	1- 50	56	ON: IN-OPT	16
	1= 32	36	39	M= 2	Q3=4 11	R= 18	11-20	12	6	51-100	3	OUT-OPT	65
	2= 10	7	7	S= 13	Q >5 3	T= 1	21-30	11	7	101-150	0	OFF: NON-ED	0
	3= 2	3	4	N= 19	S1=2 3	A= 2	31-40	2	2	151-200	1	ED-INST	0
	4= 0	1	1		S3=4 43		41-50	1	1	>200	1		
					S >5 0		> 50	2	6	TOTAL 1233		TOTAL	81
COMPUTER GRAPHICS	0= 13	8	4	R= 7	Q1=2 1	L= 16	1-10	14	19	1- 50	32	ON: IN-OPT	51
	1= 20	23	26	M= 3	Q3=4 7	R= 18	11-20	13	3	51-100	2	OUT-OPT	24
	2= 2	2	2	S= 14	Q >5 0	T= 0	21-30	4	0	101-150	1	OFF: NON-ED	0
	3= 0	1	2	N= 2	S1=2 1	A= 0	31-40	2	1	151-200	0	ED-INST	0
	4= 0	1	1		S3=4 25		41-50	2	0	>200	0		
					S >5 0		> 50	0	0	TOTAL 690		TOTAL	74
COMPUTABILITY	0= 19	12	4	R= 29	Q1=2 1	L= 44	1-10	23	49	1- 50	49	ON: IN-OPT	6
	1= 26	28	34	M= 0	Q3=4 17	R= 6	11-20	13	0	51-100	2	OUT-OPT	4
	2= 6	10	10	S= 12	Q >5 4	T= 1	21-30	9	1	101-150	0	OFF: NON-ED	0
	3= 0	1	3	N= 2	S1=2 0	A= 0	31-40	5	0	151-200	0	ED-INST	0
	4= 0	0	0		S3=4 26		41-50	0	0	>200	0		
					S >5 2		> 50	1	1	TOTAL 776		TOTAL	10
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0= 49	26	15	R= 91	Q1=2 7	L= 97	1-10	46	112	1- 50	155	ON: IN-OPT	205
	1= 116	119	124	M= 11	Q3=4 54	R= 98	11-20	61	23	51-100	27	OUT-OPT	288
	2= 33	29	37	S= 74	Q >5 12	T= 1	21-30	53	23	101-150	9	OFF: NON-ED	1
	3= 14	15	13	N= 12	S1=2 3	A= 0	31-40	18	9	151-200	3	ED-INST	5
	4= 8	9	9		S3=4 122		41-50	7	9	>200	4		
					S >5 0		> 50	10	22	TOTAL 7709		TOTAL	501
ADVANCED NUMERICAL ANALYSIS	0= 48	35	32	R= 79	Q1=2 2	L= 118	1-10	100	122	1- 50	178	ON: IN-OPT	22
	1= 125	124	130	M= 5	Q3=4 53	R= 66	11-20	52	19	51-100	7	OUT-OPT	72
	2= 15	19	17	S= 65	Q >5 10	T= 2	21-30	24	19	101-150	0	OFF: NON-ED	0
	3= 3	5	4	N= 9	S1=2 5	A= 0	31-40	5	1	151-200	2	ED-INST	0
	4= 0	3	3		S3=4 114		41-50	4	14	>200	0		
					S >5 0		> 50	2	12	TOTAL 2992		TOTAL	94
INTRODUCTORY OPERATIONS RESEARCH	0= 13	9	6	R= 26	Q1=2 5	L= 44	1-10	21	47	1- 50	49	ON: IN-OPT	11
	1= 24	30	33	M= 1	Q3=4 31	R= 28	11-20	17	6	51-100	14	OUT-OPT	68
	2= 15	13	15	S= 36	Q >5 6	T= 2	21-30	25	14	101-150	5	OFF: NON-ED	0
	3= 8	9	7	N= 11	S1=2 0	A= 2	31-40	7	4	151-200	5	ED-INST	0
	4= 16	15	15		S3=4 33		41-50	2	0	>200	3		
					S >5 1		> 50	4	5	TOTAL 4633		TOTAL	79
ADVANCED OPERATIONS RESEARCH	0= 7	7	5	R= 23	Q1=2 0	L= 36	1-10	28	39	1- 50	51	ON: IN-OPT	10
	1= 37	37	39	M= 2	Q3=4 9	R= 12	11-20	17	5	51-100	3	OUT-OPT	14
	2= 7	6	6	S= 23	Q >5 2	T= 1	21-30	8	7	101-150	0	OFF: NON-ED	0
	3= 3	4	3	N= 4	S1=2 0	A= 5	31-40	0	1	151-200	0	ED-INST	0
	4= 0	0	1		S3=4 43		41-50	0	0	>200	0		
					S >5 0		> 50	1	2	TOTAL 959		TOTAL	24

GROUP C (DOCTORATE) — SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** NO.	AVERAGE SECT SIZE	** AVG LAG * 1969-70 HRS * NO.	ENROLLMENT * 1969-70 FREQ	COST COMPUTER SVCS (THOUSS) * 1969-70 ON AND OFF-CAMPUS
DATA COMMUNICATIONS	0= 6	1	0	8= 7	Q1=2 0	L= 14	1=10	10	17 1= 50	17	ON: IN=OPT 2
	1= 10	15	15	9= 3	Q3=4 4	M= 4	11=20	6	1 51=100	3	OUT=OPT 4
	2= 3	3	3	5= 9	Q >5 1	T= 0	21=30	2	2 101=150	1	OFF: NON=ED 0
	3= 2	2	3	A= 1	S1=2 0	A= 1	31=40	2	1 151=200	0	ED=INST 0
	4= 0	0	0		S3=4 15		41=50	0	0 >200	0	
					S >5 1		> 50	1	0 TOTAL	525	TOTAL 6
PROCESS CONTROL	0= 6	1	0	8= 5	Q1=2 0	L= 7	1=10	11	13 1= 50	18	ON: IN=OPT 4
	1= 13	17	18	9= 1	Q3=4 2	M= 11	11=20	6	2 51=100	0	OUT=OPT 0
	2= 1	0	0	5= 10	Q >5 0	T= 0	21=30	1	0 101=150	0	OFF: NON=ED 0
	3= 0	0	0	A= 0	S1=2 0	A= 0	31=40	0	1 151=200	0	ED=INST 0
	4= 0	0	0		S3=4 10		41=50	0	1 >200	0	
					S >5 0		> 50	0	0 TOTAL	244	TOTAL 4
DATA PREPARATION (KEY PUNCH, VERIFIER, DATA ENTRY....)	0= 0	0	0	8= 0	Q1=2 0	L= 1	1=10	0	1= 50	0	ON: IN=OPT 0
	1= 0	0	0	9= 0	Q3=4 0	M= 0	11=20	0	0 51=100	0	OUT=OPT 0
	2= 1	1	1	5= 0	Q >5 0	T= 0	21=30	0	0 101=150	0	OFF: NON=ED 0
	3= 0	0	0	A= 1	S1=2 0	A= 0	31=40	1	0 151=200	0	ED=INST 0
	4= 0	0	0		S3=4 1		41=50	0	0 >200	1	
					S >5 0		> 50	0	0 TOTAL	1780	TOTAL 0
UNIT RECORD (EAM)	0= 0	0	0	8= 3	Q1=2 0	L= 0	1=10	0	0 1= 50	5	ON: IN=OPT 1
	1= 0	0	1	9= 0	Q3=4 0	M= 0	11=20	5	4 51=100	1	OUT=OPT 0
	2= 3	2	2	5= 0	Q >5 0	T= 0	21=30	1	1 101=150	0	OFF: NON=ED 0
	3= 3	3	3	A= 3	S1=2 2	A= 0	31=40	0	0 151=200	0	ED=INST 0
	4= 0	1	0		S3=4 4		41=50	0	0 >200	0	
					S >5 0		> 50	0	1 TOTAL	87	TOTAL 1
INTRODUCTORY COURSE IN DATA PROCESSING	0= 11	14	10	8= 13	Q1=2 5	L= 25	1=10	17	44 1= 50	42	ON: IN=OPT 15
	1= 26	25	20	9= 3	Q3=4 15	M= 42	11=20	16	14 51=100	13	OUT=OPT 346
	2= 18	14	15	5= 12	Q >5 2	T= 0	21=30	23	10 101=150	5	OFF: NON=ED 301
	3= 20	18	19	A= 48	S1=2 3	A= 8	31=40	12	3 151=200	2	ED=INST 2
	4= 6	5	4		S3=4 51		41=50	4	2 >200	16	
					S >5 0		> 50	5	4 TOTAL	12918	TOTAL 363
ADVANCED COURSE IN DATA PROCESSING	0= 6	6	4	8= 7	Q1=2 1	L= 14	1=10	9	22 1= 50	21	ON: IN=OPT 3
	1= 17	15	14	9= 2	Q3=4 12	M= 16	11=20	12	1 51=100	5	OUT=OPT 53
	2= 1	3	4	5= 9	Q >5 0	T= 0	21=30	5	3 101=150	1	OFF: NON=ED 0
	3= 5	5	5	A= 11	S1=2 1	A= 3	31=40	1	0 151=200	1	ED=INST 0
	4= 0	0	0		S3=4 13		41=50	1	0 >200	1	
					S >5 1		> 50	1	3 TOTAL	1632	TOTAL 56
PROBLEM SOLVING COURSE IN BUSINESS APPLICATIONS	0= 9	4	2	8= 11	Q1=2 1	L= 21	1=10	12	22 1= 50	25	ON: IN=OPT 13
	1= 14	16	10	9= 0	Q3=4 8	M= 13	11=20	12	8 51=100	4	OUT=OPT 26
	2= 7	6	8	5= 4	Q >5 5	T= 0	21=30	6	2 101=150	3	OFF: NON=ED 0
	3= 5	6	5	A= 20	S1=2 2	A= 3	31=40	2	1 151=200	0	ED=INST 18
	4= 3	4	5		S3=4 20		41=50	2	2 >200	4	
					S >5 0		> 50	4	3 TOTAL	4173	TOTAL 52
ADVANCED BUSINESS APPLICATIONS (MARKETING, FINANCE, PRODUCTION, ETC.)	0= 6	5	5	8= 7	Q1=2 0	L= 8	1=10	11	27 1= 50	20	ON: IN=OPT 10
	1= 17	17	21	9= 0	Q3=4 7	M= 19	11=20	11	2 51=100	2	OUT=OPT 4
	2= 1	2	3	5= 4	Q >5 3	T= 1	21=30	5	1 101=150	0	OFF: NON=ED 0
	3= 1	1	1	A= 12	S1=2 0	A= 1	31=40	4	1 151=200	0	ED=INST 5
	4= 7	7	2		S3=4 13		41=50	1	0 >200	1	
					S >5 0		> 50	0	1 TOTAL	1346	TOTAL 20
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0= 4	1	0	8= 18	Q1=2 1	L= 25	1=10	6	31 1= 50	32	ON: IN=OPT 8
	1= 24	24	24	9= 2	Q3=4 10	M= 12	11=20	12	2 51=100	6	OUT=OPT 27
	2= 7	9	9	5= 5	Q >5 1	T= 1	21=30	15	6 101=150	3	OFF: NON=ED 0
	3= 8	8	8	A= 19	S1=2 1	A= 8	31=40	2	1 151=200	0	ED=INST 0
	4= 2	1	4		S3=4 32		41=50	1	1 >200	4	
					S >5 0		> 50	3	3 TOTAL	2811	TOTAL 35
LARGE SCALE INFORMATION PROCESSING SYSTEMS	0= 7	6	2	8= 6	Q1=2 2	L= 14	1=10	11	13 1= 50	18	ON: IN=OPT 0
	1= 11	12	14	9= 0	Q3=4 6	M= 4	11=20	6	1 51=100	0	OUT=OPT 4
	2= 0	0	0	5= 6	Q >5 1	T= 0	21=30	1	2 101=150	0	OFF: NON=ED 0
	3= 0	0	0	A= 1	S1=2 1	A= 0	31=40	0	1 151=200	0	ED=INST 0
	4= 0	0	0		S3=4 8		41=50	0	0 >200	0	
					S >5 0		> 50	0	1 TOTAL	137	TOTAL 4
FILE ORGANIZATION	0= 8	4	0	8= 4	Q1=2 1	L= 5	1=10	6	5 1= 50	10	ON: IN=OPT 10
	1= 8	6	8	9= 2	Q3=4 4	M= 6	11=20	1	2 51=100	1	OUT=OPT 13
	2= 0	0	3	5= 3	Q >5 0	T= 0	21=30	2	2 101=150	0	OFF: NON=ED 0
	3= 1	1	1	A= 1	S1=2 1	A= 0	31=40	1	2 151=200	0	ED=INST 0
	4= 0	0	0		S3=4 5		41=50	1	0 >200	0	
					S >5 0		> 50	0	0 TOTAL	145	TOTAL 23
DATA BASE MANAGEMENT	0= 3	3	3	8= 5	Q1=2 0	L= 7	1=10	7	10 1= 50	10	ON: IN=OPT 0
	1= 8	7	8	9= 0	Q3=4 2	M= 3	11=20	1	1 51=100	1	OUT=OPT 9
	2= 1	0	0	5= 1	Q >5 1	T= 0	21=30	2	1 101=150	0	OFF: NON=ED 0
	3= 2	2	2	A= 4	S1=2 0	A= 1	31=40	1	0 151=200	0	ED=INST 0
	4= 0	0	0		S3=4 9		41=50	0	0 >200	1	
					S >5 0		> 50	1	0 TOTAL	590	TOTAL 9
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0= 11	6	1	8= 10	Q1=2 0	L= 23	1=10	14	26 1= 30	33	ON: IN=OPT 11
	1= 23	24	29	9= 1	Q3=4 13	M= 14	11=20	14	4 51=100	3	OUT=OPT 11
	2= 1	4	4	5= 10	Q >5 4	T= 0	21=30	8	3 101=150	3	OFF: NON=ED 0
	3= 6	5	5	A= 10	S1=2 2	A= 3	31=40	2	0 151=200	1	ED=INST 2
	4= 1	1	1		S3=4 21		41=50	1	4 >200	0	
					S >5 0		> 50	1	3 TOTAL	1284	TOTAL 23
INFORMATION SYSTEMS DESIGN (ADVANCED)	0= 12	7	1	8= 21	Q1=2 1	L= 23	1=10	24	28 1= 30	26	ON: IN=OPT 4
	1= 18	23	28	9= 1	Q3=4 14	M= 10	11=20	4	2 51=100	7	OUT=OPT 18
	2= 3	2	3	5= 7	Q >5 4	T= 0	21=30	4	1 101=150	0	OFF: NON=ED 0
	3= 1	2	2	A= 6	S1=2 1	A= 3	31=40	0	0 151=200	0	ED=INST 0
	4= 1	1	1		S3=4 15		41=50	1	4 >200	0	
					S >5 0		> 50	0	0 TOTAL	910	TOTAL 23
MANAGEMENT INFORMATION SYSTEMS	0= 14	10	5	8= 11	Q1=2 3	L= 23	1=10	17	36 1= 30	34	ON: IN=OPT 8
	1= 12	18	17	9= 2	Q3=4 13	M= 11	11=20	13	4 51=100	8	OUT=OPT 17
	2= 11	10	14	5= 10	Q >5 3	T= 0	21=30	14	4 101=150	4	OFF: NON=ED 0
	3= 11	9	11	A= 21	S1=2 1	A= 9	31=40	2	2 151=200	2	ED=INST 3
	4= 2	3	3		S3=4 30		41=50	1	0 >200	1	
					S >5 0		> 50	1	2 TOTAL	2401	TOTAL 28
MANAGEMENT OF COMPUTER CENTERS OF INFORMATION PROCESSING DEPARTMENTS	0= 3	2	0	8= 4	Q1=2 0	L= 3	1=10	3	5 1= 50	5	ON: IN=OPT 0
	1= 2	3	5	9= 0	Q3=4 0	M= 2	11=20	3	1 51=100	1	OUT=OPT 0
	2= 1	1	1	5= 1	Q >5 0	T= 0	21=30	0	1 101=150	0	OFF: NON=ED 0
	3= 1	1	1	A= 1	S1=2 1	A= 1	31=40	0	0 151=200	0	ED=INST 1
	4= 0	0	0		S3=4 0		41=50	1	0 >200	1	
					S >5 0		> 50	0	0 TOTAL	430	TOTAL 1

GROUP (DOCTORATE) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE		CR HOURS QTR AND SEMESTER		MODE OF OPER		** AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUSD) ON AND OFF-CAMPUS	
COMPUTERS AND ACCOUNTING (INCLUDING AUDITING)	0= 5	4	1	R=	3	Q1=2	0	L=	7	1-10	5	10	1- 50	10	ON: IN-OPT 1
	1= 4	5	5	M=	1	Q3=4	8	R=	4	11-20	5	5	51-100	2	OUT-OPT 3
	2= 3	3	5	S=	0	Q >5	0	T=	0	21-30	1	1	101-150	0	OFF: NON-ED 0
	3= 1	2	2	A=	7	S1=2	0	A=	0	31-40	0	1	151-200	0	ED-INST 0
	4= 0	0	0			S3=4	8			41-50	1	0	>200	1	
						S >5	0			> 50	1	0	TOTAL	1087	TOTAL 4
ECONOMETRIC SIMULATION APPLICATIONS	0= 2	2	1	R=	3	Q1=2	0	L=	5	1-10	3	6	1- 50	6	ON: IN-OPT 7
	1= 4	4	4	M=	0	Q3=4	6	R=	4	11-20	3	0	51-100	1	OUT-OPT 2
	2= 1	1	2	S=	2	Q >5	0	T=	0	21-30	1	0	101-150	0	OFF: NON-ED 0
	3= 0	2	2	A=	4	S1=2	0	A=	0	31-40	1	1	151-200	1	ED-INST 0
	4= 0	0	0			S3=4	3			41-50	0	1	>200	1	
						S >5	0			> 50	1	1	TOTAL	1046	TOTAL 10
OTHER	0= 120	85	61	R=	264	Q1=2	30	L=	368	1-10	283	398	1- 50	443	ON: IN-OPT 71
	1= 217	237	248	M=	14	Q3=4	147	R=	136	11-20	119	23	51-100	39	OUT-OPT 496
	2= 85	85	92	S=	117	Q >5	37	T=	3	21-30	78	31	101-150	17	OFF: NON-ED 0
	3= 55	60	61	A=	96	S1=2	37	A=	21	31-40	17	11	151-200	7	ED-INST 7
	4= 34	44	49			S3=4	247			41-50	11	10	>200	5	
						S >5	9			> 50	3	38	TOTAL	13232	TOTAL 575
DESCRIPTION NOT CODED	0= 9	2	1	R=	14	Q1=2	1	L=	7	1-10	10	20	1- 50	16	ON: IN-OPT 23
	1= 7	11	11	M=	0	Q3=4	7	R=	14	11-20	9	1	51-100	5	OUT-OPT 10
	2= 6	4	6	S=	2	Q >5	1	T=	0	21-30	4	1	101-150	1	OFF: NON-ED 0
	3= 0	3	3	A=	5	S1=2	0	A=	1	31-40	0	2	151-200	1	ED-INST 0
	4= 2	3	3			S3=4	14			41-50	1	0	>200	1	
						S >5	0			> 50	0	0	TOTAL	1140	TOTAL 33

GROUP (BELOW 500) SUMMARY BY COURSE TYPE

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** SECT NO.	AVERAGE ** SIZE	LAB HRS * NO.	*ENROLLMENT* 1969-70 FREQ*	* 1969-70 (THOUSS) ON AND OFF-CAMPUS
COMPUTER APPRECIATION	0= 4	1	0	R= 2	Q1=2	0	L= 1	1-10	4	7 1- 50	8 ON: IN-OPT 1
	1= 5	8	9	M= 0	Q3=4	4	R= 8	11-20	2	1 51-100	0 OUT-OPT 0
	2= 0	0	0	S= 0	Q >5	2	T= 0	21-30	3	0 101-150	1 OFF: NON-ED 0
	3= 0	0	0	N= 6	S1=2	1	A= 0	31-40	0	0 151-200	0 ED-INST 0
	4= 0	0	0		S3=4	2		41-50	0	0 >200	0
					S >5	0		> 50	0	0 TOTAL 250	TOTAL 1
INTRODUCTORY COURSE IN SOME COMPILER LANGUAGE SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0= 13	0	3	R= 16	Q1=2	4	L= 0	1-10	9	16 1- 50	33 ON: IN-OPT 72
	1= 15	21	18	M= 2	Q3=4	12	R= 38	11-20	20	10 51-100	8 OUT-OPT 9
	2= 8	11	12	S= 10	Q >5	9	T= 0	21-30	12	5 101-150	0 OFF: NON-ED 3
	3= 3	6	5	N= 13	S1=2	6	A= 3	31-40	0	4 151-200	0 ED-INST 4
	4= 2	3	3		S3=4	16		41-50	0	2 >200	0
					S >5	0		> 50	0	4 TOTAL 1022	TOTAL 88
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0= 6	0	0	R= 22	Q1=2	0	L= 0	1-10	4	7 1- 50	21 ON: IN-OPT 97
	1= 14	18	17	M= 0	Q3=4	13	R= 27	11-20	15	1 51-100	6 OUT-OPT 5
	2= 3	5	6	S= 0	Q >5	5	T= 0	21-30	6	4 101-150	0 OFF: NON-ED 1
	3= 4	2	2	N= 5	S1=2	1	A= 1	31-40	0	3 151-200	1 ED-INST 2
	4= 1	3	2		S3=4	9		41-50	0	0 >200	0
					S >5	0		> 50	0	7 TOTAL 976	TOTAL 105
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0= 0	0	1	R= 1	Q1=2	0	L= 0	1-10	1	3 1- 50	2 ON: IN-OPT 2
	1= 2	1	0	M= 0	Q3=4	0	R= 3	11-20	1	0 51-100	0 OUT-OPT 0
	2= 0	2	2	S= 1	Q >5	0	T= 0	21-30	1	0 101-150	0 OFF: NON-ED 14
	3= 1	0	0	N= 1	S1=2	1	A= 0	31-40	0	0 151-200	1 ED-INST 0
	4= 0	0	0		S3=4	2		41-50	0	0 >200	0
					S >5	0		> 50	0	0 TOTAL 212	TOTAL 17
INTRODUCTORY COURSE IN PROGRAMMING	0= 2	0	0	R= 16	Q1=2	2	L= 1	1-10	6	14 1- 50	19 ON: IN-OPT 100
	1= 15	15	13	M= 0	Q3=4	11	R= 22	11-20	11	4 51-100	5 OUT-OPT 3
	2= 4	5	7	S= 4	Q >5	2	T= 0	21-30	6	3 101-150	1 OFF: NON-ED 5
	3= 2	3	2	N= 5	S1=2	2	A= 2	31-40	0	1 151-200	0 ED-INST 3
	4= 2	2	2		S3=4	8		41-50	0	2 >200	0
					S >5	0		> 50	0	1 TOTAL 981	TOTAL 111
ADVANCED COURSE IN PROGRAMMING	0= 11	2	1	R= 24	Q1=2	0	L= 1	1-10	8	7 1- 50	30 ON: IN-OPT 79
	1= 16	22	19	M= 1	Q3=4	6	R= 29	11-20	19	1 51-100	1 OUT-OPT 0
	2= 3	6	7	S= 3	Q >5	8	T= 0	21-30	4	9 101-150	0 OFF: NON-ED 0
	3= 0	0	2	N= 2	S1=2	1	A= 0	31-40	0	3 151-200	0 ED-INST 1
	4= 1	1	2		S3=4	15		41-50	0	1 >200	0
					S >5	1		> 50	0	10 TOTAL 506	TOTAL 79
FIRST COURSE IN COMPUTER DESIGN	0= 1	0	0	R= 2	Q1=2	0	L= 1	1-10	2	3 1- 50	5 ON: IN-OPT 5
	1= 3	4	3	M= 1	Q3=4	1	R= 5	11-20	3	1 51-100	1 OUT-OPT 0
	2= 1	1	2	S= 2	Q >5	1	T= 0	21-30	0	0 101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 1	S1=2	2	A= 0	31-40	1	0 151-200	0 ED-INST 0
	4= 1	1	1		S3=4	2		41-50	0	0 >200	0
					S >5	0		> 50	0	2 TOTAL 145	TOTAL 5
ADVANCED COURSE IN COMPUTER DESIGN (COMPUTER ARCHITECTURE)	0= 1	2	0	R= 2	Q1=2	0	L= 0	1-10	0	0 1- 50	2 ON: IN-OPT 1
	1= 1	0	2	M= 0	Q3=4	2	R= 2	11-20	2	2 51-100	0 OUT-OPT 0
	2= 0	0	0	S= 0	Q >5	0	T= 0	21-30	0	0 101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2	0	A= 0	31-40	0	0 151-200	0 ED-INST 0
	4= 0	0	0		S3=4	0		41-50	0	0 >200	0
					S >5	0		> 50	0	0 TOTAL 30	TOTAL 1
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0= 5	3	0	R= 4	Q1=2	0	L= 2	1-10	1	4 1- 50	6 ON: IN-OPT 0
	1= 1	3	5	M= 2	Q3=4	6	R= 4	11-20	4	2 51-100	0 OUT-OPT 0
	2= 0	0	0	S= 0	Q >5	0	T= 0	21-30	1	0 101-150	0 OFF: NON-ED 0
	3= 0	0	1	N= 0	S1=2	0	A= 0	31-40	0	0 151-200	0 ED-INST 0
	4= 0	0	0		S3=4	0		41-50	0	0 >200	0
					S >5	0		> 50	0	0 TOTAL 52	TOTAL 0
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0= 4	2	0	R= 8	Q1=2	0	L= 2	1-10	3	8 1- 50	7 ON: IN-OPT 7
	1= 4	7	4	M= 0	Q3=4	4	R= 5	11-20	4	0 51-100	1 OUT-OPT 0
	2= 0	2	1	S= 0	Q >5	0	T= 0	21-30	1	0 101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2	1	A= 0	31-40	0	0 151-200	0 ED-INST 0
	4= 0	0	0		S3=4	2		41-50	0	0 >200	0
					S >5	0		> 50	0	0 TOTAL 96	TOTAL 8
SIMULATION APPLICATIONS (NON-ECONOMETRIC)	0= 0	0	0	R= 2	Q1=2	0	L= 0	1-10	1	0 1- 50	1 ON: IN-OPT 13
	1= 2	2	2	M= 0	Q3=4	0	R= 2	11-20	0	0 51-100	0 OUT-OPT 0
	2= 0	0	0	S= 0	Q >5	0	T= 0	21-30	1	0 101-150	1 OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2	1	A= 0	31-40	0	2 151-200	0 ED-INST 0
	4= 0	0	0		S3=4	1		41-50	0	0 >200	0
					S >5	0		> 50	0	0 TOTAL 125	TOTAL 13
SIMULATION LANGUAGES AND/OR TECHNIQUES	0= 1	1	0	R= 0	Q1=2	0	L= 0	1-10	0	0 1- 50	1 ON: IN-OPT 0
	1= 0	0	1	M= 0	Q3=4	0	R= 1	11-20	1	0 51-100	0 OUT-OPT 0
	2= 0	0	0	S= 1	Q >5	0	T= 0	21-30	0	0 101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2	0	A= 0	31-40	0	0 151-200	0 ED-INST 0
	4= 0	0	0		S3=4	1		41-50	0	1 >200	0
					S >5	0		> 50	0	0 TOTAL 0	TOTAL 0
HYBRID COMPUTERS	0= 0	0	0	R= 2	Q1=2	0	L= 0	1-10	0	2 1- 50	2 ON: IN-OPT 6
	1= 2	1	2	M= 0	Q3=4	0	R= 2	11-20	2	0 51-100	0 OUT-OPT 0
	2= 0	1	0	S= 0	Q >5	1	T= 0	21-30	0	0 101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2	0	A= 0	31-40	0	0 151-200	0 ED-INST 0
	4= 0	0	0		S3=4	1		41-50	0	0 >200	0
					S >5	0		> 50	0	0 TOTAL 25	TOTAL 6
COMPUTER ORGANIZATION	0= 0	0	0	R= 3	Q1=2	0	L= 0	1-10	2	3 1- 50	3 ON: IN-OPT 0
	1= 3	3	3	M= 0	Q3=4	3	R= 3	11-20	1	0 51-100	0 OUT-OPT 0
	2= 0	0	0	S= 0	Q >5	0	T= 0	21-30	0	0 101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2	0	A= 0	31-40	0	0 151-200	0 ED-INST 0
	4= 0	0	0		S3=4	0		41-50	0	0 >200	0
					S >5	0		> 50	0	0 TOTAL 58	TOTAL 0
SWITCHING THEORY	0= 0	0	0	R= 0	Q1=2	0	L= 1	1-10	0	1 1- 50	1 ON: IN-OPT 0
	1= 1	0	0	M= 1	Q3=4	1	R= 0	11-20	0	0 51-100	0 OUT-OPT 0
	2= 0	1	1	S= 0	Q >5	0	T= 0	21-30	1	0 101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2	0	A= 0	31-40	0	0 151-200	0 ED-INST 0
	4= 0	0	0		S3=4	0		41-50	0	0 >200	0
					S >5	0		> 50	0	0 TOTAL 25	TOTAL 0
SEQUENTIAL MACHINES	0= 0	0	0	R= 0	Q1=2	0	L= 1	1-10	0	1 1- 50	1 ON: IN-OPT 0
	1= 1	1	1	M= 1	Q3=4	1	R= 0	11-20	0	0 51-100	0 OUT-OPT 0
	2= 0	0	0	S= 0	Q >5	0	T= 0	21-30	0	0 101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2	0	A= 0	31-40	0	0 151-200	0 ED-INST 0
	4= 0	0	0		S3=4	0		41-50	0	0 >200	0
					S >5	0		> 50	0	0 TOTAL 25	TOTAL 0

GROUP C (BELOW 500) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO. FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS$) ON AND OFF-CAMPUS
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0= 0	0	0	R= 1	Q1=2 0	L= 0	1=10 0	1	1= 50 1	ON: IN-OPT 2
	1= 1	1	1	M= 0	Q3=4 1	R= 1	11=20 1	0	51=100 0	OUT-OPT 0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30 0	0	101=150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40 0	0	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 0		41=50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 15	TOTAL 2
INTRODUCTORY COMPUTER ORGANIZATION	0= 1	0	0	R= 3	Q1=2 0	L= 1	1=10 0	2	1= 50 3	ON: IN-OPT 3
	1= 2	3	3	M= 0	Q3=4 3	R= 2	11=20 0	1	51=100 0	OUT-OPT 0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30 3	0	101=150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40 0	0	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 0		41=50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 71	TOTAL 0
ADVANCED COMPUTER ORGANIZATION	0= 0	0	0	R= 1	Q1=2 0	L= 0	1=10 0	1	1= 50 1	ON: IN-OPT 1
	1= 1	1	1	M= 0	Q3=4 0	R= 1	11=20 1	0	51=100 0	OUT-OPT 0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30 0	0	101=150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 1	A= 0	31=40 0	0	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 0		41=50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 10	TOTAL 1
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0= 1	0	0	R= 1	Q1=2 0	L= 0	1=10 0	1	1= 50 2	ON: IN-OPT 3
	1= 1	1	2	M= 1	Q3=4 1	R= 2	11=20 2	1	51=100 0	OUT-OPT 0
	2= 0	1	0	S= 0	Q >5 0	T= 0	21=30 0	0	101=150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40 0	0	151=200 0	ED-INST 1
	4= 0	0	0		S3=4 1		41=50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 25	TOTAL 4
ADVANCED NUMERICAL ANALYSIS	0= 0	0	0	R= 1	Q1=2 0	L= 0	1=10 1	1	1= 50 1	ON: IN-OPT 2
	1= 1	1	1	M= 0	Q3=4 0	R= 1	11=20 0	0	51=100 0	OUT-OPT 0
	2= 0	0	0	S= 0	Q >5 0	T= 0	21=30 0	0	101=150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40 0	0	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 1		41=50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 8	TOTAL 2
INTRODUCTORY OPERATIONS RESEARCH	0= 0	0	1	R= 2	Q1=2 0	L= 0	1=10 1	1	1= 50 2	ON: IN-OPT 2
	1= 2	2	1	M= 0	Q3=4 1	R= 2	11=20 1	1	51=100 0	OUT-OPT 0
	2= 0	0	0	S= 0	Q >5 1	T= 0	21=30 0	0	101=150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40 0	0	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 0		41=50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 25	TOTAL 2
DATA COMMUNICATIONS	0= 1	0	0	R= 1	Q1=2 0	L= 1	1=10 1	0	1= 50 2	ON: IN-OPT 0
	1= 1	2	2	M= 0	Q3=4 2	R= 1	11=20 1	0	51=100 0	OUT-OPT 0
	2= 0	0	0	S= 1	Q >5 0	T= 0	21=30 0	0	101=150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40 0	0	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 0		41=50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 16	TOTAL 0
DATA PREPARATION (KEY PUNCH, VERIFIER, DATA ENTRY,...)	0= 1	0	1	R= 3	Q1=2 0	L= 0	1=10 4	2	1= 50 4	ON: IN-OPT 0
	1= 4	2	2	M= 0	Q3=4 3	R= 6	11=20 2	0	51=100 2	OUT-OPT 0
	2= 0	2	2	S= 1	Q >5 1	T= 0	21=30 0	2	101=150 0	OFF: NON-ED 0
	3= 0	1	0	N= 2	S1=2 1	A= 0	31=40 0	1	151=200 0	ED-INST 0
	4= 1	1	1		S3=4 1		41=50 0	0	>200 0	
					S >5 0		> 50 0	1	TOTAL 218	TOTAL 0
UNIT RECORD (EAM)	0= 0	0	1	R= 10	Q1=2 1	L= 0	1=10 3	2	1= 50 12	ON: IN-OPT 62
	1= 10	7	6	M= 0	Q3=4 2	R= 13	11=20 8	2	51=100 1	OUT-OPT 0
	2= 1	2	4	S= 0	Q >5 6	T= 0	21=30 2	0	101=150 0	OFF: NON-ED 0
	3= 2	3	1	N= 3	S1=2 2	A= 0	31=40 0	2	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 2		41=50 0	2	>200 0	
					S >5 0		> 50 0	5	TOTAL 374	TOTAL 62
INTRODUCTORY COURSE IN DATA PROCESSING	0= 5	2	1	R= 17	Q1=2 0	L= 6	1=10 5	15	1= 50 14	ON: IN-OPT 112
	1= 5	8	8	M= 0	Q3=4 11	R= 12	11=20 9	6	51=100 5	OUT-OPT 5
	2= 9	6	7	S= 1	Q >5 2	T= 0	21=30 9	1	101=150 2	OFF: NON-ED 0
	3= 3	6	5	N= 6	S1=2 2	A= 6	31=40 2	1	151=200 1	ED-INST 0
	4= 2	2	2		S3=4 8		41=50 0	1	>200 3	
					S >5 1		> 50 0	1	TOTAL 1841	TOTAL 117
ADVANCED COURSE IN DATA PROCESSING	0= 0	0	0	R= 3	Q1=2 0	L= 1	1=10 2	2	1= 50 2	ON: IN-OPT 3
	1= 1	2	2	M= 0	Q3=4 3	R= 1	11=20 2	2	51=100 2	OUT-OPT 3
	2= 2	1	1	S= 0	Q >5 0	T= 0	21=30 2	0	101=150 0	OFF: NON-ED 0
	3= 1	0	0	N= 1	S1=2 0	A= 2	31=40 0	1	151=200 0	ED-INST 0
	4= 0	1	1		S3=4 1		41=50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 195	TOTAL 6
PROBLEM SOLVING COURSE IN BUSINESS APPLICATIONS	0= 0	0	1	R= 7	Q1=2 0	L= 1	1=10 4	4	1= 50 8	ON: IN-OPT 7
	1= 6	5	3	M= 0	Q3=4 3	R= 7	11=20 3	0	51=100 0	OUT-OPT 0
	2= 0	1	3	S= 1	Q >5 1	T= 0	21=30 1	1	101=150 0	OFF: NON-ED 0
	3= 0	2	1	N= 0	S1=2 0	A= 0	31=40 0	2	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 3		41=50 0	0	>200 0	
					S >5 1		> 50 0	1	TOTAL 87	TOTAL 7
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0= 3	2	0	R= 10	Q1=2 1	L= 5	1=10 4	6	1= 50 10	ON: IN-OPT 9
	1= 6	8	9	M= 0	Q3=4 5	R= 4	11=20 3	1	51=100 1	OUT-OPT 0
	2= 2	0	1	S= 8	Q >5 1	T= 0	21=30 4	1	101=150 0	OFF: NON-ED 0
	3= 0	1	1	N= 1	S1=2 1	A= 0	31=40 0	0	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 2		41=50 0	0	>200 0	
					S >5 1		> 50 0	1	TOTAL 242	TOTAL 9
FILE ORGANIZATION	0= 1	1	0	R= 2	Q1=2 0	L= 0	1=10 0	1	1= 50 1	ON: IN-OPT 2
	1= 0	0	1	M= 0	Q3=4 2	R= 2	11=20 1	0	51=100 1	OUT-OPT 0
	2= 1	1	1	S= 0	Q >5 0	T= 0	21=30 1	0	101=150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40 0	1	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 0		41=50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 65	TOTAL 2
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0= 2	0	0	R= 8	Q1=2 0	L= 2	1=10 3	3	1= 50 6	ON: IN-OPT 5
	1= 8	6	5	M= 0	Q3=4 2	R= 3	11=20 2	1	51=100 0	OUT-OPT 5
	2= 0	0	1	S= 0	Q >5 1	T= 0	21=30 1	1	101=150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 1	31=40 0	0	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 3		41=50 0	0	>200 0	
					S >5 0		> 50 0	1	TOTAL 142	TOTAL 10
INFORMATION SYSTEMS DESIGN (ADVANCED)	0= 1	0	0	R= 5	Q1=2 0	L= 0	1=10 1	1	1= 50 5	ON: IN-OPT 9
	1= 4	5	4	M= 0	Q3=4 2	R= 5	11=20 4	0	51=100 0	OUT-OPT 0
	2= 0	0	1	S= 0	Q >5 1	T= 0	21=30 0	2	101=150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40 0	0	151=200 0	ED-INST 0
	4= 0	0	0		S3=4 2		41=50 0	0	>200 0	
					S >5 0		> 50 0	2	TOTAL 150	TOTAL 9

GROUP (BELOW 500) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS$) ON AND OFF-CAMPUS	
MANAGEMENT INFORMATION SYSTEMS	0= 0	0	0	R= 2	Q1-2	0	L= 1	1-10	1	2	1- 50	2	ON: IN-OPT	2
	1= 2	2	2	M= 0	Q3-4	1	R= 1	11-20	1	0	51-100	0	OUT-OPT	0
	2= 0	0	0	S= 0	Q >5	0	T= 0	21-30	0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	N= 0	S1-2	0	A= 0	31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	1		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	19	TOTAL	3
OTHER	0= 5	1	4	R= 5	Q1-2	2	L= 1	1-10	5	4	1- 50	8	ON: IN-OPT	16
	1= 3	7	4	M= 0	Q3-4	0	R= 6	11-20	3	0	51-100	0	OUT-OPT	0
	2= 3	1	0	S= 0	Q >5	0	T= 0	21-30	1	0	101-150	0	OFF: NON-ED	1
	3= 0	0	1	N= 4	S1-2	1	A= 0	31-40	0	0	151-200	1	ED-INST	0
	4= 0	0	0		S3-4	4		41-50	0	0	>200	0		
					S >5	0		> 50	0	5	TOTAL	260	TOTAL	17

GROUP (500-2499) SUMMARY BY COURSE TYPE

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* * 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUSS) ON AND OFF-CAMPUS	
COMPUTER APPRECIATION	0= 21	15	6	R= 21	Q1-2	3	L= 17	1-10	23	45	1- 50	45	ON: IN-OPT	124
	1= 23	24	30	M= 2	Q3-4	18	R= 38	11-20	17	16	51-100	12	OUT-OPT	22
	2= 12	13	14	S= 8	Q >5	1	T= 1	21-30	19	7	101-150	6	OFF: NON-ED	0
	3= 11	14	12	N= 36	S1-2	10	A= 9	31-40	8	2	151-200	3	ED-INST	8
	4= 3	4	8		S3-4	36		41-50	2	3	>200	4		
					S >5	1		> 50	1	3	TOTAL	4085	TOTAL	155
PROBLEM SOLVING COURSE IN THE HUMANITIES	0= 13	6	2	R= 0	Q1-2	1	L= 2	1-10	8	7	1- 50	22	ON: IN-OPT	9
	1= 8	15	18	M= 0	Q3-4	2	R= 20	11-20	9	3	51-100	2	OUT-OPT	71
	2= 1	1	2	S= 4	Q >5	1	T= 0	21-30	6	6	101-150	0	OFF: NON-ED	2
	3= 2	2	2	N= 20	S1-2	3	A= 0	31-40	1	3	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	18		41-50	0	3	>200	0		
					S >5	0		> 50	0	2	TOTAL	343	TOTAL	84
INTRODUCTORY COURSE IN SOME COMPILER LANGUAGE SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0= 77	40	31	R= 183	Q1-2	18	L= 21	1-10	108	129	1- 50	297	ON: IN-OPT	916
	1= 175	188	177	M= 9	Q3-4	106	R= 384	11-20	100	58	51-100	66	OUT-OPT	411
	2= 108	115	125	S= 133	Q >5	22	T= 3	21-30	111	73	101-150	31	OFF: NON-ED	118
	3= 47	51	52	N= 93	S1-2	69	A= 4	31-40	23	48	151-200	10	ED-INST	94
	4= 23	31	37		S3-4	187		41-50	22	43	>200	22		
					S >5	7		> 50	4	77	TOTAL	23054	TOTAL	1547
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0= 48	14	10	R= 132	Q1-2	1	L= 10	1-10	47	55	1- 50	186	ON: IN-OPT	372
	1= 79	102	90	M= 1	Q3-4	52	R= 158	11-20	70	19	51-100	15	OUT-OPT	82
	2= 29	36	46	S= 9	Q >5	11	T= 0	21-30	34	20	101-150	3	OFF: NON-ED	25
	3= 9	12	17	N= 29	S1-2	8	A= 2	31-40	6	28	151-200	3	ED-INST	8
	4= 7	8	9		S3-4	89		41-50	4	15	>200	5		
					S >5	7		> 50	2	35	TOTAL	5982	TOTAL	488
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0= 21	8	8	R= 33	Q1-2	7	L= 11	1-10	34	36	1- 50	84	ON: IN-OPT	147
	1= 47	51	52	M= 1	Q3-4	25	R= 78	11-20	42	17	51-100	6	OUT-OPT	26
	2= 20	25	24	S= 51	Q >5	1	T= 1	21-30	11	9	101-150	1	OFF: NON-ED	19
	3= 2	5	5	N= 7	S1-2	12	A= 2	31-40	3	5	151-200	0	ED-INST	13
	4= 2	3	3		S3-4	63		41-50	1	8	>200	1		
					S >5	0		> 50	1	13	TOTAL	2239	TOTAL	206
INTRODUCTORY COURSE IN PROGRAMMING	0= 37	21	12	R= 120	Q1-2	11	L= 11	1-10	46	70	1- 50	148	ON: IN-OPT	637
	1= 88	89	92	M= 7	Q3-4	36	R= 194	11-20	88	24	51-100	33	OUT-OPT	99
	2= 45	47	50	S= 47	Q >5	16	T= 0	21-30	58	27	101-150	16	OFF: NON-ED	30
	3= 26	35	38	N= 36	S1-2	17	A= 5	31-40	18	20	151-200	4	ED-INST	22
	4= 14	18	17		S3-4	123		41-50	2	28	>200	10		
					S >5	5		> 50	4	42	TOTAL	12010	TOTAL	783
ADVANCED COURSE IN PROGRAMMING	0= 74	44	14	R= 167	Q1-2	8	L= 7	1-10	104	83	1- 50	221	ON: IN-OPT	528
	1= 113	136	154	M= 7	Q3-4	74	R= 214	11-20	99	18	51-100	14	OUT-OPT	67
	2= 37	41	46	S= 40	Q >5	20	T= 0	21-30	34	26	101-150	5	OFF: NON-ED	17
	3= 13	14	19	N= 17	S1-2	8	A= 5	31-40	3	36	151-200	2	ED-INST	15
	4= 8	8	10		S3-4	119		41-50	3	28	>200	1		
					S >5	9		> 50	0	52	TOTAL	5309	TOTAL	617
FIRST COURSE IN COMPUTER DESIGN	0= 19	8	4	R= 23	Q1-2	0	L= 11	1-10	20	20	1- 50	32	ON: IN-OPT	29
	1= 12	21	24	M= 1	Q3-4	12	R= 26	11-20	8	2	51-100	4	OUT-OPT	5
	2= 4	6	7	S= 11	Q >5	0	T= 0	21-30	4	3	101-150	0	OFF: NON-ED	12
	3= 1	1	1	N= 2	S1-2	1	A= 0	31-40	3	2	151-200	1	ED-INST	0
	4= 1	1	1		S3-4	24		41-50	0	3	>200	0		
					S >5	0		> 50	0	7	TOTAL	754	TOTAL	46
ADVANCED [illegible]E IN COMPUTER DES[illegible] (COMPUTER ARCHITECTURE)	0= 6	5	0	R= 10	Q1-2	0	L= 4	1-10	4	8	1- 50	8	ON: IN-OPT	16
	1= 2	4	8	M= 0	Q3-4	3	R= 4	11-20	3	0	51-100	2	OUT-OPT	1
	2= 1	0	1	S= 0	Q >5	1	T= 0	21-30	2	1	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 0	S1-2	0	A= 2	31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	6		41-50	0	0	>200	0		
					S >5	0		> 50	1	1	TOTAL	234	TOTAL	17
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0= 17	6	4	R= 39	Q1-2	2	L= 6	1-10	22	21	1- 50	47	ON: IN-OPT	82
	1= 29	32	32	M= 3	Q3-4	17	R= 43	11-20	21	6	51-100	3	OUT-OPT	2
	2= 7	12	12	S= 8	Q >5	4	T= 0	21-30	8	4	101-150	2	OFF: NON-ED	8
	3= 2	1	2	N= 2	S1-2	5	A= 2	31-40	1	0	151-200	0	ED-INST	0
	4= 1	1	2		S3-4	22		41-50	0	0	>200	0		
					S >5	1		> 50	0	0	TOTAL	1180	TOTAL	92
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0= 29	16	6	R= 68	Q1-2	4	L= 18	1-10	36	41	1- 50	72	ON: IN-OPT	115
	1= 39	51	58	M= 2	Q3-4	29	R= 59	11-20	25	8	51-100	4	OUT-OPT	18
	2= 8	9	12	S= 6	Q >5	6	T= 0	21-30	15	8	101-150	4	OFF: NON-ED	11
	3= 2	2	2	N= 6	S1-2	5	A= 1	31-40	2	4	151-200	0	ED-INST	1
	4= 4	4	4		S3-4	38		41-50	0	10	>200	2		
					S >5	0		> 50	1	11	TOTAL	2522	TOTAL	141
DATA STRUCTURES	0= 9	11	4	R= 20	Q1-2	2	L= 11	1-10	10	13	1- 50	23	ON: IN-OPT	11
	1= 13	10	13	M= 2	Q3-4	11	R= 11	11-20	11	7	51-100	2	OUT-OPT	7
	2= 3	3	3	S= 2	Q >5	0	T= 0	21-30	5	1	101-150	0	OFF: NON-ED	0
	3= 2	2	3	N= 2	S1-2	2	A= 3	31-40	0	2	151-200	1	ED-INST	0
	4= 0	0	1		S3-4	11		41-50	0	2	>200	0		
					S >5	0		> 50	0	1	TOTAL	598	TOTAL	19
AUTOMATA THEORY	0= 3	2	3	R= 2	Q1-2	0	L= 5	1-10	4	9	1- 50	8	ON: IN-OPT	0
	1= 5	5	4	M= 1	Q3-4	3	R= 3	11-20	4	0	51-100	0	OUT-OPT	6
	2= 0	1	1	S= 4	Q >5	1	T= 0	21-30	0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	N= 2	S1-2	0	A= 1	31-40	1	0	151-200	0	ED-INST	0
	4= 1	1	1		S3-4	4		41-50	0	0	>200	1		
					S >5	0		> 50	0	0	TOTAL	286	TOTAL	6
SIMULATION APPLICATIONS (NON-ECONOMETRIC)	0= 1	1	0	R= 4	Q1-2	0	L= 1	1-10	3	4	1- 50	5	ON: IN-OPT	4
	1= 4	4	5	M= 0	Q3-4	0	R= 5	11-20	2	0	51-100	0	OUT-OPT	2
	2= 1	1	1	S= 1	Q >5	0	T= 0	21-30	0	0	101-150	1	OFF: NON-ED	1
	3= 0	0	0	N= 1	S1-2	1	A= 0	31-40	1	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	0		41-50	0	1	>200	0		
					S >5	0		> 50	0	1	TOTAL	194	TOTAL	7
SIMULATION LANGUAGES AND/OR TECHNIQUES	0= 7	8	2	R= 10	Q1-2	4	L= 1	1-10	13	7	1- 50	16	ON: IN-OPT	16
	1= 7	5	10	M= 1	Q3-4	6	R= 15	11-20	4	2	51-100	1	OUT-OPT	0
	2= 2	2	1	S= 3	Q >5	0	T= 0	21-30	0	0	101-150	0	OFF: NON-ED	0
	3= 1	2	2	N= 2	S1-2	0	A= 0	31-40	0	4	151-200	0	ED-INST	0
	4= 0	0	2		S3-4	7		41-50	0	1	>200	0		
					S >5	0		> 50	0	3	TOTAL	192	TOTAL	16
ARTIFICIAL INTELLIGENCE (HEURISTIC PROGRAMMING)	0= 2	3	0	R= 2	Q1-2	0	L= 2	1-10	5	2	1- 50	7	ON: IN-OPT	4
	1= 4	3	5	M= 0	Q3-4	3	R= 5	11-20	1	0	51-100	0	OUT-OPT	0
	2= 0	1	1	S= 5	Q >5	1	T= 0	21-30	1	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	N= 0	S1-2	0	A= 0	31-40	0	0	151-200	0	ED-INST	0
	4= 1	0	1		S3-4	0		41-50	0	2	>200	0		
					S >5	0		> 50	0	3	TOTAL	49	TOTAL	

GROUP (500-2499) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS$) ON AND OFF-CAMPUS	
HYBRID COMPUTERS	0= 3	1	0	A= 3	Q1=2 2	L= 0	1=10	1	3	1= 50	7	ON: IN-OPT	16
	1= 9	4	5	M= 0	Q3=4 2	M= 7	11=20	5	2	51=100	0	OUT-OPT	0
	2= 2	1	1	S= 4	Q >5 0	T= 0	21=30	1	1	101=150	0	OFF: NON-ED	0
	3= 0	1	1	N= 0	S1=2 0	A= 0	31=40	0	1	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 3		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL	67	TOTAL	16
DISCRETE STRUCTURES	0= 7	4	1	A= 7	Q1=2 2	L= 4	1=10	4	8	1= 50	10	ON: IN-OPT	3
	1= 3	5	8	M= 1	Q3=4 2	M= 5	11=20	2	1	51=100	0	OUT-OPT	0
	2= 0	1	1	S= 2	Q >5 0	T= 0	21=30	1	1	101=150	0	OFF: NON-ED	0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40	1	0	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 8		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL	40	TOTAL	3
COMPUTER ORGANIZATION	0= 10	2	1	A= 11	Q1=2 0	L= 3	1=10	14	10	1= 50	21	ON: IN-OPT	9
	1= 7	14	15	M= 3	Q3=4 5	M= 17	11=20	7	3	51=100	0	OUT-OPT	4
	2= 4	5	5	S= 5	Q >5 1	T= 1	21=30	0	4	101=150	0	OFF: NON-ED	1
	3= 0	0	0	N= 3	S1=2 0	A= 1	31=40	1	1	151=200	0	ED-INST	0
	4= 1	1	1		S3=4 16		41=50	0	2	>200	1		
					S >5 0		> 50	0	2	TOTAL	1041	TOTAL	14
SWITCHING THEORY	0= 5	5	2	A= 9	Q1=2 0	L= 6	1=10	4	11	1= 50	14	ON: IN-OPT	4
	1= 5	6	8	M= 0	Q3=4 4	M= 7	11=20	5	2	51=100	1	OUT-OPT	3
	2= 4	3	4	S= 5	Q >5 2	T= 0	21=30	2	1	101=150	0	OFF: NON-ED	0
	3= 1	1	1	N= 1	S1=2 0	A= 0	31=40	0	0	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 8		41=50	0	0	>200	0		
					S >5 0		> 50	0	1	TOTAL	260	TOTAL	7
SEQUENTIAL MACHINES	0= 0	0	0	A= 0	Q1=2 0	L= 1	1=10	0	1	1= 50	1	ON: IN-OPT	0
	1= 1	1	1	M= 0	Q3=4 1	M= 0	11=20	0	0	51=100	0	OUT-OPT	0
	2= 0	0	0	S= 1	Q >5 0	T= 0	21=30	1	0	101=150	0	OFF: NON-ED	0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40	0	0	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 0		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL	23	TOTAL	0
COMPILER CONSTRUCTION	0= 5	5	0	A= 13	Q1=2 2	L= 3	1=10	6	8	1= 50	16	ON: IN-OPT	13
	1= 9	9	13	M= 0	Q3=4 9	M= 13	11=20	5	5	51=100	0	OUT-OPT	2
	2= 2	2	3	S= 2	Q >5 0	T= 0	21=30	1	2	101=150	0	OFF: NON-ED	0
	3= 0	0	0	N= 0	S1=2 1	A= 0	31=40	1	1	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 4		41=50	0	0	>200	0		
					S >5 0		> 50	0	2	TOTAL	190	TOTAL	15
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0= 1	0	1	A= 4	Q1=2 0	L= 1	1=10	2	4	1= 50	6	ON: IN-OPT	6
	1= 4	4	3	M= 0	Q3=4 1	M= 4	11=20	2	0	51=100	0	OUT-OPT	1
	2= 1	2	2	S= 1	Q >5 1	T= 0	21=30	2	1	101=150	0	OFF: NON-ED	0
	3= 0	0	0	N= 1	S1=2 0	A= 1	31=40	0	1	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 4		41=50	0	0	>200	0		
					S >5 0		> 50	0	0	TOTAL	138	TOTAL	6
INTRODUCTORY COMPUTER ORGANIZATION	0= 10	5	1	A= 17	Q1=2 1	L= 10	1=10	9	14	1= 50	22	ON: IN-OPT	27
	1= 9	13	16	M= 1	Q3=4 8	M= 13	11=20	7	5	51=100	2	OUT-OPT	11
	2= 4	5	5	S= 5	Q >5 2	T= 0	21=30	7	1	101=150	0	OFF: NON-ED	1
	3= 1	1	2	N= 1	S1=2 2	A= 0	31=40	1	3	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 11		41=50	0	0	>200	0		
					S >5 0		> 50	0	1	TOTAL	445	TOTAL	40
ADVANCED COMPUTER ORGANIZATION	0= 2	2	0	A= 2	Q1=2 0	L= 1	1=10	1	2	1= 50	2	ON: IN-OPT	5
	1= 1	1	2	M= 0	Q3=4 0	M= 1	11=20	1	0	51=100	1	OUT-OPT	0
	2= 0	0	0	S= 1	Q >5 1	T= 0	21=30	0	0	101=150	0	OFF: NON-ED	0
	3= 0	0	1	N= 0	S1=2 0	A= 1	31=40	1	0	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 2		41=50	0	0	>200	0		
					S >5 0		> 50	0	1	TOTAL	60	TOTAL	5
INFORMATION STORAGE AND RETRIEVAL	0= 2	0	0	A= 3	Q1=2 0	L= 0	1=10	3	3	1= 50	6	ON: IN-OPT	0
	1= 4	5	4	M= 1	Q3=4 3	M= 6	11=20	2	2	51=100	0	OUT-OPT	2
	2= 0	1	1	S= 0	Q >5 0	T= 0	21=30	1	0	101=150	0	OFF: NON-ED	0
	3= 0	0	1	N= 2	S1=2 2	A= 0	31=40	0	0	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 1		41=50	0	0	>200	0		
					S >5 0		> 50	0	1	TOTAL	34	TOTAL	2
COMPUTER GRAPHICS	0= 4	4	0	A= 4	Q1=2 1	L= 1	1=10	3	4	1= 50	6	ON: IN-OPT	16
	1= 1	1	5	M= 0	Q3=4 2	M= 5	11=20	3	0	51=100	0	OUT-OPT	0
	2= 1	1	1	S= 1	Q >5 0	T= 0	21=30	0	0	101=150	0	OFF: NON-ED	0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40	0	0	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 3		41=50	0	1	>200	0		
					S >5 0		> 50	0	1	TOTAL	61	TOTAL	16
COMPUTABILITY	0= 0	1	0	A= 0	Q1=2 0	L= 1	1=10	2	1	1= 50	3	ON: IN-OPT	2
	1= 3	2	3	M= 0	Q3=4 0	M= 2	11=20	1	0	51=100	0	OUT-OPT	0
	2= 0	0	0	S= 3	Q >5 1	T= 0	21=30	0	0	101=150	0	OFF: NON-ED	0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31=40	0	1	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 2		41=50	0	0	>200	0		
					S >5 0		> 50	0	1	TOTAL	24	TOTAL	2
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0= 42	21	14	A= 44	Q1=2 6	L= 32	1=10	52	52	1= 50	101	ON: IN-OPT	59
	1= 58	73	76	M= 4	Q3=4 21	M= 74	11=20	43	11	51=100	7	OUT-OPT	42
	2= 11	14	18	S= 44	Q >5 2	T= 0	21=30	11	15	101=150	1	OFF: NON-ED	7
	3= 1	1	1	N= 10	S1=2 4	A= 0	31=40	2	10	151=200	0	ED-INST	6
	4= 0	0	0		S3=4 71		41=50	0	5	>200	0		
					S >5 1		> 50	1	12	TOTAL	1869	TOTAL	104
ADVANCED NUMERICAL ANALYSIS	0= 11	9	7	A= 18	Q1=2 0	L= 18	1=10	20	18	1= 50	35	ON: IN-OPT	4
	1= 22	23	24	M= 1	Q3=4 10	M= 17	11=20	15	7	51=100	1	OUT-OPT	9
	2= 2	4	5	S= 14	Q >5 2	T= 1	21=30	1	4	101=150	0	OFF: NON-ED	14
	3= 1	0	0	N= 1	S1=2 4	A= 0	31=40	0	1	151=200	0	ED-INST	6
	4= 0	0	0		S3=4 20		41=50	0	2	>200	0		
					S >5 0		> 50	0	4	TOTAL	303	TOTAL	33
INTRODUCTORY OPERATIONS RESEARCH	0= 7	6	2	A= 20	Q1=2 1	L= 6	1=10	15	18	1= 50	28	ON: IN-OPT	36
	1= 19	21	23	M= 3	Q3=4 7	M= 21	11=20	12	1	51=100	3	OUT-OPT	29
	2= 4	3	5	S= 8	Q >5 4	T= 0	21=30	3	1	101=150	0	OFF: NON-ED	1
	3= 1	1	1	N= 1	S1=2 2	A= 0	31=40	2	4	151=200	1	ED-INST	0
	4= 1	1	1		S3=4 17		41=50	0	2	>200	0		
					S >5 1		> 50	0	3	TOTAL	834	TOTAL	62
ADVANCED OPERATIONS RESEARCH	0= 2	2	0	A= 0	Q1=2 0	L= 1	1=10	2	1	1= 50	4	ON: IN-OPT	2
	1= 2	1	4	M= 2	Q3=4 0	M= 3	11=20	2	1	51=100	0	OUT-OPT	0
	2= 0	1	0	S= 1	Q >5 0	T= 0	21=30	0	0	101=150	0	OFF: NON-ED	0
	3= 0	0	0	N= 1	S1=2 0	A= 0	31=40	0	1	151=200	0	ED-INST	0
	4= 0	0	0		S3=4 4		41=50	0	0	>200	0		
					S >5 0		> 50	0	1	TOTAL	21	TOTAL	2

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	ENROLLMENT* LAB HRS * 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS) ON AND OFF-CAMPUS
DATA COMMUNICATIONS	0= 3	1	1	A= 5	Q1=2 1	L= 3	1-10	2	5 1- 50	7	ON: IN-OPT 1
	1= 4	4	5	B= 0	Q3=4 4	M= 7	11-20	4	1 51-100	1	OUT-OPT 0
	2= 0	0	1	S= 2	Q >5 1	T= 0	21-30	1	0 101-150	0	OFF: NON-ED 0
	3= 1	1	0	N= 1	S1=2 0	A= 0	31-40	1	0 151-200	0	ED-INST 0
	4= 0	0	1		S3=4 2		41-50	0	0 >200	0	
					S >5 0		> 50	0	2 TOTAL	229	TOTAL 14
PROCESS CONTROL	0= 1	2	1	A= 7	Q1=2 0	L= 1	1-10	1	2 1- 50	9	ON: IN-OPT 0
	1= 4	3	4	B= 0	Q3=4 1	M= 8	11-20	8	0 51-100	0	OUT-OPT 0
	2= 4	4	4	S= 0	Q >5 3	T= 0	21-30	0	0 101-150	0	OFF: NON-ED 3
	3= 0	0	0	N= 2	S1=2 0	A= 2	31-40	0	1 151-200	0	ED-INST 0
	4= 0	0	0		S3=4 3		41-50	0	0 >200	0	
					S >5 0		> 50	0	0 TOTAL	202	TOTAL 8
DATA PREPARATION (KEY PUNCH, VERIFIER, DATA ENTRY,...)	0= 6	3	0	A= 16	Q1=2 3	L= 0	1-10	18	10 1- 50	21	ON: IN-OPT 48
	1= 8	8	10	B= 0	Q3=4 7	M= 29	11-20	9	4 51-100	4	OUT-OPT 3
	2= 8	10	10	S= 3	Q >5 1	T= 1	21-30	4	6 101-150	4	OFF: NON-ED 0
	3= 7	7	8	N= 14	S1=2 7	A= 1	31-40	0	5 151-200	0	ED-INST 0
	4= 5	1	2		S3=4 10		41-50	0	3 >200	2	
					S >5 3		> 50	0	7 TOTAL	1799	TOTAL 51
UNIT RECORD (EAM)	0= 9	12	16	A= 48	Q1=2 0	L= 2	1-10	11	22 1- 50	54	ON: IN-OPT 186
	1= 39	35	34	B= 1	Q3=4 21	M= 81	11-20	46	8 51-100	24	OUT-OPT 49
	2= 21	20	17	S= 1	Q >5 1	T= 0	21-30	25	13 101-150	4	OFF: NON-ED 5
	3= 11	12	14	N= 13	S1=2 8	A= 2	31-40	4	14 151-200	0	ED-INST 18
	4= 9	6	4		S3=4 50		41-50	0	3 >200	4	
					S >5 5		> 50	0	10 TOTAL	4681	TOTAL 249
INTRODUCTORY COURSE IN DATA PROCESSING	0= 28	15	18	A= 105	Q1=2 4	L= 47	1-10	27	126 1- 50	92	ON: IN-OPT 391
	1= 75	72	67	B= 4	Q3=4 41	M= 113	11-20	40	23 51-100	53	OUT-OPT 124
	2= 46	43	42	S= 6	Q >5 13	T= 0	21-30	92	8 101-150	22	OFF: NON-ED 21
	3= 34	38	42	N= 89	S1=2 12	A= 23	31-40	15	8 151-200	11	ED-INST 4
	4= 12	18	21		S3=4 113		41-50	12	14 >200	12	
					S >5 0		> 50	4	11 TOTAL	13811	TOTAL 535
ADVANCED COURSE IN DATA PROCESSING	0= 10	3	0	A= 25	Q1=2 1	L= 3	1-10	13	18 1- 50	31	ON: IN-OPT 42
	1= 12	10	10	B= 1	Q3=4 14	M= 28	11-20	13	2 51-100	2	OUT-OPT 34
	2= 8	8	8	S= 5	Q >5 4	T= 0	21-30	9	3 101-150	2	OFF: NON-ED 1
	3= 4	5	5	N= 3	S1=2 1	A= 3	31-40	1	4 151-200	1	ED-INST 0
	4= 2	4	4		S3=4 13		41-50	0	2 >200	0	
					S >5 1		> 50	0	7 TOTAL	1016	TOTAL 78
PROBLEM SOLVING COURSE IN BUSINESS APPLICATIONS	0= 27	11	3	A= 62	Q1=2 2	L= 12	1-10	29	35 1- 50	71	ON: IN-OPT 230
	1= 48	45	51	B= 2	Q3=4 37	M= 62	11-20	36	8 51-100	14	OUT-OPT 28
	2= 15	23	24	S= 4	Q >5 6	T= 0	21-30	18	14 101-150	3	OFF: NON-ED 6
	3= 3	3	5	N= 15	S1=2 5	A= 3	31-40	2	6 151-200	1	ED-INST 0
	4= 0	3	2		S3=4 39		41-50	0	4 >200	0	
					S >5 3		> 50	0	16 TOTAL	2363	TOTAL 264
ADVANCED BUSINESS APPLICATIONS (MARKETING, FINANCE, PRODUCTION, ETC,)	0= 6	4	0	A= 17	Q1=2 1	L= 4	1-10	8	10 1- 50	24	ON: IN-OPT 20
	1= 12	12	15	B= 0	Q3=4 8	M= 15	11-20	12	4 51-100	1	OUT-OPT 0
	2= 2	4	5	S= 0	Q >5 6	T= 0	21-30	1	1 101-150	0	OFF: NON-ED 0
	3= 1	1	1	N= 3	S1=2 2	A= 1	31-40	0	1 151-200	0	ED-INST 0
	4= 0	0	0		S3=4 2		41-50	0	1 >200	0	
					S >5 1		> 50	0	6 TOTAL	316	TOTAL 20
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0= 23	15	8	A= 85	Q1=2 1	L= 24	1-10	33	62 1- 50	84	ON: IN-OPT 135
	1= 59	58	68	B= 1	Q3=4 37	M= 56	11-20	41	12 51-100	11	OUT-OPT 7
	2= 9	14	12	S= 1	Q >5 2	T= 0	21-30	16	5 101-150	1	OFF: NON-ED 8
	3= 5	4	7	N= 10	S1=2 3	A= 12	31-40	8	7 151-200	0	ED-INST 0
	4= 2	3	2		S3=4 52		41-50	0	6 >200	2	
					S >5 2		> 50	0	8 TOTAL	2594	TOTAL 150
LARGE SCALE INFORMATION PROCESSING SYSTEMS	0= 0	0	1	A= 4	Q1=2 0	L= 0	1-10	2	2 1- 50	6	ON: IN-OPT 8
	1= 3	3	3	B= 0	Q3=4 1	M= 6	11-20	4	1 51-100	0	OUT-OPT 0
	2= 3	3	2	S= 1	Q >5 0	T= 0	21-30	0	1 101-150	0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31-40	0	0 151-200	0	ED-INST 0
	4= 0	0	0		S3=4 5		41-50	0	1 >200	0	
					S >5 0		> 50	0	1 TOTAL	104	TOTAL 8
FILE ORGANIZATION	0= 1	0	0	A= 8	Q1=2 0	L= 2	1-10	0	2 1- 50	5	OFF: IN-OPT 11
	1= 2	3	4	B= 0	Q3=4 3	M= 4	11-20	4	1 51-100	0	OUT-OPT 16
	2= 2	2	1	S= 0	Q >5 1	T= 0	21-30	2	0 101-150	0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31-40	0	1 151-200	0	ED-INST 0
	4= 1	1	1		S3=4 2		41-50	0	0 >200	1	
					S >5 0		> 50	0	2 TOTAL	362	TOTAL 27
DATA BASE MANAGEMENT	0= 2	2	0	A= 5	Q1=2 0	L= 0	1-10	2	4 1- 50	5	ON: IN-OPT 2
	1= 2	3	3	B= 0	Q3=4 0	M= 2	11-20	1	0 51-100	0	OUT-OPT 12
	2= 1	0	2	S= 0	Q >5 3	T= 0	21-30	2	1 101-150	1	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 1	31-40	0	1 151-200	0	ED-INST 0
	4= 0	0	0		S3=4 2		41-50	0	2 >200	0	
					S >5 0		> 50	0	0 TOTAL	92	TOTAL 13
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0= 14	9	4	A= 43	Q1=2 1	L= 10	1-10	24	32 1- 50	65	ON: IN-OPT 47
	1= 22	24	29	B= 1	Q3=4 14	M= 34	11-20	19	3 51-100	3	OUT-OPT 16
	2= 8	9	11	S= 1	Q >5 3	T= 0	21-30	6	3 101-150	1	OFF: NON-ED 0
	3= 5	5	5	N= 5	S1=2 1	A= 3	31-40	1	4 151-200	0	ED-INST 1
	4= 1	1	1		S3=4 27		41-50	0	4 >200	1	
					S >5 1		> 50	0	4 TOTAL	1283	TOTAL 64
INFORMATION SYSTEMS DESIGN (ADVANCED)	0= 8	3	0	A= 30	Q1=2 1	L= 8	1-10	18	20 1- 50	29	ON: IN-OPT 44
	1= 17	18	22	B= 0	Q3=4 11	M= 20	11-20	9	3 51-100	1	OUT-OPT 0
	2= 4	6	7	S= 0	Q >5 1	T= 0	21-30	3	2 101-150	1	OFF: NON-ED 0
	3= 2	2	2	N= 0	S1=2 0	A= 2	31-40	1	2 151-200	0	ED-INST 1
	4= 0	0	0		S3=4 18		41-50	0	3 >200	0	
					S >5 0		> 50	0	1 TOTAL	559	TOTAL 45
MANAGEMENT INFORMATION SYSTEMS	0= 6	5	1	A= 16	Q1=2 1	L= 4	1-10	7	14 1- 50	17	ON: IN-OPT 18
	1= 9	10	14	B= 0	Q3=4 6	M= 14	11-20	8	1 51-100	2	OUT-OPT 3
	2= 1	1	1	S= 0	Q >5 1	T= 0	21-30	4	0 101-150	0	OFF: NON-ED 1
	3= 0	1	1	N= 2	S1=2 2	A= 1	31-40	0	0 151-200	0	ED-INST 0
	4= 3	2	2		S3=4 6		41-50	0	4 >200	0	
					S >5 0		> 50	0	0 TOTAL	376	TOTAL 21
MANAGEMENT OF COMPUTER CENTERS OF INFORMATION PROCESSING DEPARTMENTS	0= 4	5	1	A= 15	Q1=2 1	L= 2	1-10	13	15 1- 50	22	ON: IN-OPT 20
	1= 16	17	20	B= 0	Q3=4 4	M= 14	11-20	7	6 51-100	0	OUT-OPT 0
	2= 0	0	1	S= 1	Q >5 4	T= 0	21-30	1	0 101-150	0	OFF: NON-ED 0
	3= 0	0	0	N= 2	S1=2 2	A= 0	31-40	1	0 151-200	0	ED-INST 1
	4= 0	0	0		S3=4 9		41-50	0	0 >200	0	
					S >5 0		> 50	0	1 TOTAL	467	TOTAL 21

GROUP (500-2499) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF CPER	** AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUS$) ON AND OFF-CAMPUS	
COMPUTERS AND ACCOUNTING (INCLUDING AUDITING)	0= 5	5	1	R= 9	Q1-2 0	L= 4	1-10	5	12	1- 50	15	ON: IN-OPT 4
	1= 9	9	12	M= 2	Q3-4 1	R= 9	11-20	4	1	51-100	2	OUT-OPT 3
	2= 2	2	3	S= 1	Q >5 0	T= 0	21-30	4	0	101-150	0	OFF: NON-ED 0
	3= 1	1	1	A= 5	S1-2 0	A= 1	31-40	2	1	151-200	0	ED-INST 0
	4= 0	0	0		S3-4 15		41-50	0	0	>200	0	
					S >5 1		> 50	0	3	TOTAL	308	TOTAL 7
ECONOMETRIC SIMULATION APPLICATIONS	0= 1	1	0	R= 2	Q1-2 0	L= 0	1-10	0	2	1- 50	3	ON: IN-OPT 0
	1= 2	2	2	M= 0	Q3-4 1	R= 3	11-20	2	0	51-100	0	OUT-OPT 0
	2= 0	0	1	S= 0	Q >5 0	T= 0	21-30	1	1	101-150	0	OFF: NON-ED 1
	3= 0	0	0	A= 0	S1-2 0	A= 0	31-40	0	0	151-200	0	ED-INST 0
	4= 0	0	0		S3-4 2		41-50	0	0	>200	0	
					S >5 0		> 50	0	0	TOTAL	42	TOTAL 1
OTHER	0= 55	32	14	R= 111	Q1-2 9	L= 58	1-10	95	117	1- 50	167	ON: IN-OPT 40
	1= 92	106	116	M= 8	Q3-4 39	R= 103	11-20	52	15	51-100	11	OUT-OPT 41
	2= 24	31	33	S= 23	Q >5 4	T= 0	21-30	Jc	9	101-150	1	OFF: NON-ED 9
	3= 7	8	14	A= 33	S1-2 16	A= 3	31-40	1	7	151-200	0	ED-INST 2
	4= 1	2	2		S3-4 102		41-50	1	12	>200	0	
					S >5 5		> 50	0	19	TOTAL	2800	TOTAL 113
DESCRIPTION NOT CODED	0= 5	4	0	R= 4	Q1-2 2	L= 2	1-10	6	12	1- 50	13	ON: IN-OPT 1
	1= 4	5	9	M= 0	Q3-4 7	R= 9	11-20	7	1	51-100	1	OUT-OPT 0
	2= 2	3	3	S= 2	Q >5 0	T= 0	21-30	1	1	101-150	0	OFF: NON-ED 1
	3= 3	2	2	A= 3	S1-2 1	A= 0	31-40	1	1	151-200	0	ED-INST 5
	4= 1	1	1		S3-4 2		41-50	0	0	>200	1	
					S >5 1		> 50	0	0	TOTAL	653	TOTAL 7

GROUP (2500-9999)

SUMMARY BY COURSE TYPE

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS$) ON AND OFF-CAMPUS	
COMPUTER APPRECIATION	0= 18	7	4	N= 18	Q1=2	4	L= 32	1=10	13	57	1= 50	40	ON: IN=OPT	37
	1= 21	27	27	M= 7	Q3=4	15	R= 37	11=20	16	2	51=100	20	OUT=OPT	71
	2= 17	20	19	S= 10	Q >5	2	T= 0	21=30	25	8	101=150	8	OFF: NON=ED	0
	3= 20	19	22	N= 43	S1=2	9	A= 8	31=40	8	4	151=200	0	ED=INST	30
	4= 8	5	6		S3=4	44		41=50	6	5	>200	12		
					S >5	0		> 50	7	2	TOTAL	7486	TOTAL	147
PROBLEM SOLVING COURSE IN THE HUMANITIES	0= 3	3	1	N= 3	Q1=2	1	L= 2	1=10	8	7	1= 50	12	ON: IN=OPT	6
	1= 7	7	10	M= 1	Q3=4	1	R= 13	11=20	5	1	51=100	1	OUT=OPT	31
	2= 3	3	1	S= 1	Q >5	0	T= 0	21=30	0	1	101=150	1	OFF: NON=ED	0
	3= 2	2	3	N= 9	S1=2	0	A= 0	31=40	0	4	151=200	1	ED=INST	0
	4= 0	0	0		S3=4	13		41=50	0	1	>200	0		
					S >5	0		> 50	2	1	TOTAL	518	TOTAL	37
INTRODUCTORY COURSE IN SOME COMPILER LANGUAGE SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0= 78	42	31	N= 173	Q1=2	18	L= 62	1=10	67	153	1= 50	225	ON: IN=OPT	27
	1= 114	114	112	M= 29	Q3=4	89	R= 385	11=20	146	88	51=100	108	OUT=OPT	900
	2= 120	139	136	S= 151	Q >5	14	T= 1	21=30	155	55	101=150	50	OFF: NON=ED	98
	3= 101	115	121	N= 95	S1=2	81	A= 4	31=40	50	38	151=200	24	ED=INST	390
	4= 49	45	53		S3=4	246		41=50	14	80	>200	49		
					S >5	5		> 50	23	84	TOTAL	44422	TOTAL	2388
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0= 38	21	20	N= 118	Q1=2	3	L= 28	1=10	31	69	1= 50	100	ON: IN=OPT	420
	1= 49	49	41	M= 6	Q3=4	31	R= 150	11=20	60	24	51=100	52	OUT=OPT	215
	2= 56	57	58	S= 18	Q >5	5	T= 0	21=30	62	13	101=150	19	OFF: NON=ED	21
	3= 33	45	50	N= 38	S1=2	6	A= 3	31=40	23	17	151=200	5	ED=INST	16
	4= 6	9	12		S3=4	129		41=50	5	16	>200	6		
					S >5	5		> 50	1	43	TOTAL	11075	TOTAL	671
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0= 69	33	31	N= 44	Q1=2	24	L= 68	1=10	95	133	1= 50	168	ON: IN=OPT	97
	1= 84	109	107	M= 6	Q3=4	84	R= 146	11=20	58	29	51=100	28	OUT=OPT	203
	2= 33	41	43	S= 158	Q >5	8	T= 0	21=30	36	11	101=150	12	OFF: NON=ED	3
	3= 28	26	28	N= 12	S1=2	23	A= 0	31=40	17	9	151=200	7	ED=INST	11
	4= 8	9	9		S3=4	69		41=50	3	14	>200	3		
					S >5	2		> 50	7	22	TOTAL	8407	TOTAL	313
INTRODUCTORY COURSE IN PROGRAMMING	0= 47	37	20	N= 113	Q1=2	5	L= 50	1=10	49	106	1= 50	123	ON: IN=OPT	573
	1= 54	62	60	M= 19	Q3=4	42	R= 185	11=20	78	33	51=100	55	OUT=OPT	372
	2= 64	62	78	S= 50	Q >5	10	T= 1	21=30	83	27	101=150	23	OFF: NON=ED	14
	3= 67	65	64	N= 60	S1=2	25	A= 4	31=40	23	16	151=200	15	ED=INST	15
	4= 15	20	22		S3=4	155		41=50	4	32	>200	31		
					S >5	8		> 50	10	33	TOTAL	22553	TOTAL	974
ADVANCED COURSE IN PROGRAMMING	0= 60	31	21	N= 171	Q1=2	6	L= 45	1=10	68	104	1= 50	205	ON: IN=OPT	1220
	1= 100	106	104	M= 16	Q3=4	72	R= 222	11=20	109	28	51=100	37	OUT=OPT	268
	2= 68	89	96	S= 54	Q >5	14	T= 0	21=30	80	22	101=150	20	OFF: NON=ED	24
	3= 28	32	30	N= 25	S1=2	6	A= 1	31=40	15	15	151=200	5	ED=INST	11
	4= 16	18	22		S3=4	166		41=50	2	27	>200	7		
					S >5	9		> 50	2	58	TOTAL	11365	TOTAL	836
FIRST COURSE IN COMPUTER DESIGN	0= 13	4	5	N= 18	Q1=2	0	L= 17	1=10	12	22	1= 50	31	ON: IN=OPT	44
	1= 18	24	24	M= 5	Q3=4	13	R= 22	11=20	16	8	51=100	8	OUT=OPT	21
	2= 4	5	4	S= 18	Q >5	1	T= 0	21=30	9	2	101=150	0	OFF: NON=ED	1
	3= 2	5	4	N= 2	S1=2	0	A= 1	31=40	3	2	151=200	1	ED=INST	11
	4= 4	2	3		S3=4	26		41=50	0	1	>200	1		
					S >5	0		> 50	1	6	TOTAL	1471	TOTAL	76
ADVANCED COURSE IN COMPUTER DESIGN (COMPUTER ARCHITECTURE)	0= 9	5	2	N= 13	Q1=2	1	L= 14	1=10	14	19	1= 50	27	ON: IN=OPT	4
	1= 14	14	19	M= 0	Q3=4	9	R= 14	11=20	13	2	51=100	1	OUT=OPT	17
	2= 5	6	5	S= 11	Q >5	1	T= 0	21=30	2	1	101=150	0	OFF: NON=ED	0
	3= 1	2	3	N= 2	S1=2	1	A= 0	31=40	0	2	151=200	1	ED=INST	6
	4= 0	0	0		S3=4	15		41=50	0	1	>200	0		
					S >5	1		> 50	0	4	TOTAL	555	TOTAL	27
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0= 23	13	7	N= 39	Q1=2	3	L= 27	1=10	26	49	1= 50	76	ON: IN=OPT	69
	1= 43	46	51	M= 17	Q3=4	15	R= 59	11=20	36	6	51=100	9	OUT=OPT	62
	2= 11	16	16	S= 24	Q >5	2	T= 1	21=30	17	7	101=150	2	OFF: NON=ED	1
	3= 9	11	12	N= 5	S1=2	3	A= 0	31=40	5	4	151=200	0	ED=INST	21
	4= 1	1	1		S3=4	57		41=50	2	9	>200	0		
					S >5	5		> 50	1	12	TOTAL	2089	TOTAL	152
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0= 33	25	15	N= 78	Q1=2	1	L= 47	1=10	35	73	1= 50	102	ON: IN=OPT	165
	1= 62	68	69	M= 14	Q3=4	32	R= 70	11=20	56	14	51=100	18	OUT=OPT	80
	2= 20	18	25	S= 22	Q >5	2	T= 3	21=30	21	13	101=150	4	OFF: NON=ED	1
	3= 8	12	14	N= 2	S1=2	2	A= 4	31=40	9	6	151=200	0	ED=INST	7
	4= 3	3	3		S3=4	83		41=50	1	8	>200	2		
					S >5	4		> 50	4	10	TOTAL	4193	TOTAL	252
DATA STRUCTURES	0= 25	22	7	N= 30	Q1=2	2	L= 28	1=10	31	42	1= 50	52	ON: IN=OPT	49
	1= 25	24	37	M= 10	Q3=4	11	R= 28	11=20	13	3	51=100	4	OUT=OPT	49
	2= 7	10	10	S= 8	Q >5	1	T= 0	21=30	7	5	101=150	2	OFF: NON=ED	6
	3= 1	2	4	N= 9	S1=2	0	A= 1	31=40	2	1	151=200	0	ED=INST	5
	4= 0	0	0		S3=4	43		41=50	4	3	>200	0		
					S >5	0		> 50	1	4	TOTAL	1129	TOTAL	108
AUTOMATA THEORY	0= 15	12	8	N= 17	Q1=2	0	L= 25	1=10	17	30	1= 50	32	ON: IN=OPT	6
	1= 16	19	24	M= 2	Q3=4	9	R= 8	11=20	8	0	51=100	2	OUT=OPT	4
	2= 3	3	2	S= 7	Q >5	0	T= 0	21=30	8	2	101=150	0	OFF: NON=ED	0
	3= 0	0	0	N= 0	S1=2	4	A= 0	31=40	1	2	151=200	0	ED=INST	7
	4= 0	0	0		S3=4	21		41=50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	444	TOTAL	17
SIMULATION APPLICATIONS (NON-ECONOMETRIC)	0= 11	7	4	N= 11	Q1=2	1	L= 9	1=10	14	15	1= 50	28	ON: IN=OPT	44
	1= 16	20	21	M= 2	Q3=4	5	R= 21	11=20	10	3	51=100	3	OUT=OPT	8
	2= 2	2	2	S= 10	Q >5	2	T= 0	21=30	4	3	101=150	0	OFF: NON=ED	0
	3= 0	0	2	N= 6	S1=2	1	A= 1	31=40	4	3	151=200	1	ED=INST	1
	4= 3	3	3		S3=4	22		41=50	0	3	>200	0		
					S >5	0		> 50	0	5	TOTAL	884	TOTAL	53
SIMULATION LANGUAGES AND/OR TECHNIQUES	0= 22	17	14	N= 23	Q1=2	0	L= 21	1=10	29	24	1= 50	45	ON: IN=OPT	12
	1= 28	22	24	M= 1	Q3=4	13	R= 26	11=20	11	12	51=100	4	OUT=OPT	37
	2= 6	8	9	S= 15	Q >5	2	T= 1	21=30	7	5	101=150	0	OFF: NON=ED	0
	3= 1	2	1	N= 7	S1=2	0	A= 1	31=40	0	2	151=200	0	ED=INST	13
	4= 0	0	1		S3=4	34		41=50	0	3	>200	0		
					S >5	0		> 50	0	3	TOTAL	615	TOTAL	62
ARTIFICIAL INTELLIGENCE (HEURISTIC PROGRAMMING)	0= 7	4	3	N= 6	Q1=2	0	L= 10	1=10	10	14	1= 50	16	ON: IN=OPT	15
	1= 9	11	13	M= 1	Q3=4	3	R= 7	11=20	5	1	51=100	1	OUT=OPT	4
	2= 0	1	0	S= 4	Q >5	0	T= 0	21=30	1	0	101=150	0	OFF: NON=ED	0
	3= 0	0	0	N= 0	S1=2	1	A= 0	31=40	1	0	151=200	0	ED=INST	0
	4= 1	1	1		S3=4	13		41=50	0	1	>200	0		
					S >5	0		> 50	0	1	TOTAL	227	TOTAL	19

GROUP C (2500-9999) — SUMMARY BY COURSE TYPE — CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** AC.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ	COST COMPUTER SVCS 1969-70 (THOUSS) ON AND OFF-CAMPUS	
HYBRID COMPUTERS	0= 4	4	0	R= 3	Q1-2	0	L= 3	1-10	6	3	1- 50	10	ON: IN-OPT	1
	1= 7	7	10	M= 0	Q3-4	7	R= 10	11-20	4	4	51-100	2	OUT-OPT	0
	2= 0	0	1	S= 10	Q >5	0	T= 0	21-30	2	2	101-150	1	OFF: NON-ED	0
	3= 1	1	1	N= 0	S1-2	0	A= 0	31-40	1	4	151-200	0	ED-INST	0
	4= 1	1	1		S3-4	0		41-50	0	0	>200	0		
					S >5	0		> 50	0	2	TOTAL	507	TOTAL	9
DISCRETE STRUCTURES	0= 14	9	2	R= 16	Q1-2	1	L= 23	1-10	14	27	1- 50	27	ON: IN-OPT	1
	1= 14	18	26	M= 3	Q3-4	11	R= 7	11-20	4	4	51-100	6	OUT-OPT	7
	2= 2	3	3	S= 8	Q >5	1	T= 0	21-30	11	0	101-150	0	OFF: NON-ED	1
	3= 1	1	2	N= 3	S1-2	1	A= 0	31-40	1	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	15		41-50	1	0	>200	0		
					S >5	1		> 50	0	2	TOTAL	515	TOTAL	9
COMPUTER ORGANIZATION	0= 16	10	5	R= 30	Q1-2	3	L= 29	1-10	16	38	1- 50	45	ON: IN-OPT	26
	1= 33	37	41	M= 5	Q3-4	9	R= 25	11-20	12	6	51-100	5	OUT-OPT	20
	2= 3	3	3	S= 8	Q >5	3	T= 1	21-30	16	5	101-150	1	OFF: NON-ED	0
	3= 1	2	3	N= 4	S1-2	3	A= 2	31-40	7	0	151-200	3	ED-INST	0
	4= 1	2	2		S3-4	36		41-50	0	1	>200	0		
					S >5	0		> 50	0	1	TOTAL	1854	TOTAL	47
SWITCHING THEORY	0= 8	5	1	R= 18	Q1-2	1	L= 20	1-10	15	30	1- 50	22	ON: IN-OPT	4
	1= 16	19	21	M= 1	Q3-4	12	R= 15	11-20	4	1	51-100	9	OUT-OPT	18
	2= 4	4	7	S= 12	Q >5	0	T= 0	21-30	4	1	101-150	4	OFF: NON-ED	0
	3= 8	7	6	N= 0	S1-2	0	A= 0	31-40	5	2	151-200	0	ED-INST	2
	4= 2	1	1		S3-4	17		41-50	2	1	>200	1		
					S >5	1		> 50	0	1	TOTAL	1781	TOTAL	22
SEQUENTIAL MACHINES	0= 3	1	1	R= 6	Q1-2	0	L= 10	1-10	2	10	1- 50	8	ON: IN-OPT	0
	1= 4	7	7	M= 0	Q3-4	2	R= 0	11-20	5	0	51-100	2	OUT-OPT	5
	2= 2	1	1	S= 3	Q >5	0	T= 0	21-30	1	0	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 0	S1-2	0	A= 0	31-40	1	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	8		41-50	1	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	315	TOTAL	5
COMPILER CONSTRUCTION	0= 10	16	4	R= 35	Q1-2	0	L= 25	1-10	16	32	1- 50	56	ON: IN-OPT	15
	1= 26	36	46	M= 5	Q3-4	20	R= 14	11-20	12	8	51-100	3	OUT-OPT	26
	2= 2	6	6	S= 13	Q >5	2	T= 0	21-30	4	4	101-150	0	OFF: NON-ED	0
	3= 1	1	3	N= 2	S1-2	1	A= 0	31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	14		41-50	0	0	>200	0		
					S >5	0		> 50	0	11	TOTAL	766	TOTAL	42
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0= 7	8	4	R= 19	Q1-2	0	L= 15	1-10	13	28	1- 50	29	ON: IN-OPT	9
	1= 20	17	19	M= 0	Q3-4	8	R= 11	11-20	10	3	51-100	0	OUT-OPT	14
	2= 3	4	6	S= 3	Q >5	0	T= 0	21-30	7	0	101-150	1	OFF: NON-ED	0
	3= 0	1	1	N= 6	S1-2	1	A= 0	31-40	0	1	151-200	0	ED-INST	5
	4= 0	0	0		S3-4	21		41-50	0	2	>200	0		
					S >5	0		> 50	0	0	TOTAL	516	TOTAL	28
INTRODUCTORY COMPUTER ORGANIZATION	0= 17	8	1	R= 23	Q1-2	1	L= 17	1-10	13	25	1- 50	33	ON: IN-OPT	15
	1= 13	17	18	M= 8	Q3-4	9	R= 22	11-20	15	2	51-100	3	OUT-OPT	42
	2= 5	6	15	S= 7	Q >5	1	T= 1	21-30	10	3	101-150	1	OFF: NON-ED	0
	3= 6	7	6	N= 2	S1-2	2	A= 2	31-40	2	5	151-200	4	ED-INST	5
	4= 1	2	2		S3-4	31		41-50	0	2	>200	1		
					S >5	0		> 50	0	5	TOTAL	1650	TOTAL	61
ADVANCED COMPUTER ORGANIZATION	0= 4	3	1	R= 12	Q1-2	0	L= 13	1-10	7	16	1- 50	21	ON: IN-OPT	4
	1= 15	15	17	M= 1	Q3-4	5	R= 8	11-20	9	1	51-100	1	OUT-OPT	12
	2= 2	4	4	S= 2	Q >5	0	T= 1	21-30	5	1	101-150	0	OFF: NON-ED	0
	3= 1	0	0	N= 1	S1-2	2	A= 0	31-40	1	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	15		41-50	0	2	>200	0		
					S >5	0		> 50	0	2	TOTAL	433	TOTAL	16
INFORMATION STORAGE AND RETRIEVAL	0= 5	6	0	R= 14	Q1-2	1	L= 14	1-10	14	22	1- 50	30	ON: IN-OPT	19
	1= 18	18	18	M= 0	Q3-4	7	R= 13	11-20	12	1	51-100	1	OUT-OPT	7
	2= 7	6	4	S= 7	Q >5	0	T= 1	21-30	4	3	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 6	S1-2	0	A= 0	31-40	1	2	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	23		41-50	0	0	>200	0		
					S >5	0		> 50	0	3	TOTAL	461	TOTAL	26
COMPUTER GRAPHICS	0= 3	2	1	R= 5	Q1-2	0	L= 6	1-10	4	8	1- 50	12	ON: IN-OPT	13
	1= 9	9	10	M= 1	Q3-4	3	R= 7	11-20	6	2	51-100	1	OUT-OPT	10
	2= 0	1	1	S= 3	Q >5	1	T= 0	21-30	3	4	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 2	S1-2	1	A= 0	31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	8		41-50	0	0	>200	0		
					S >5	0		> 50	0	1	TOTAL	192	TOTAL	22
COMPUTABILITY	0= 6	4	1	R= 12	Q1-2	0	L= 13	1-10	8	17	1- 50	17	ON: IN-OPT	5
	1= 9	9	10	M= 1	Q3-4	5	R= 8	11-20	5	0	51-100	1	OUT-OPT	1
	2= 3	5	6	S= 4	Q >5	2	T= 1	21-30	3	0	101-150	0	OFF: NON-ED	0
	3= 0	0	1	N= 0	S1-2	0	A= 0	31-40	2	0	151-200	0	ED-INST	2
	4= 0	0	0		S3-4	8		41-50	0	0	>200	0		
					S >5	2		> 50	0	1	TOTAL	337	TOTAL	7
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0= 29	27	15	R= 60	Q1-2	1	L= 55	1-10	52	78	1- 50	137	ON: IN-OPT	109
	1= 96	93	102	M= 14	Q3-4	53	R= 101	11-20	55	24	51-100	14	OUT-OPT	117
	2= 28	27	27	S= 67	Q >5	5	T= 1	21-30	41	28	101-150	3	OFF: NON-ED	6
	3= 9	9	11	N= 11	S1-2	6	A= 0	31-40	7	8	151-200	1	ED-INST	6
	4= 5	3	4		S3-4	93		41-50	3	10	>200	4		
					S >5	1		> 50	1	11	TOTAL	5017	TOTAL	320
ADVANCED NUMERICAL ANALYSIS	0= 31	18	22	R= 33	Q1-2	2	L= 41	1-10	56	60	1- 50	93	ON: IN-OPT	33
	1= 56	70	65	M= 5	Q3-4	34	R= 50	11-20	29	16	51-100	3	OUT-OPT	42
	2= 8	7	8	S= 42	Q >5	0	T= 2	21-30	10	7	101-150	1	OFF: NON-ED	3
	3= 1	1	1	N= 5	S1-2	2	A= 0	31-40	3	4	151-200	0	ED-INST	2
	4= 2	2	2		S3-4	60		41-50	0	7	>200	1		
					S >5	0		> 50	0	4	TOTAL	1477	TOTAL	80
INTRODUCTORY OPERATIONS RESEARCH	0= 16	9	4	R= 23	Q1-2	3	L= 27	1-10	20	45	1- 50	46	ON: IN-OPT	17
	1= 16	23	29	M= 3	Q3-4	23	R= 35	11-20	16	4	51-100	11	OUT-OPT	52
	2= 18	19	18	S= 31	Q >5	5	T= 2	21-30	23	15	101-150	2	OFF: NON-ED	0
	3= 9	6	5	N= 10	S1-2	3	A= 3	31-40	3	0	151-200	6	ED-INST	6
	4= 18	10	11		S3-4	30		41-50	6	1	>200	2		
					S >5	0		> 50	2	2	TOTAL	3594	TOTAL	73
ADVANCED OPERATIONS RESEARCH	0= 7	11	5	R= 9	Q1-2	2	L= 28	1-10	21	32	1- 50	34	ON: IN-OPT	13
	1= 26	23	25	M= 1	Q3-4	7	R= 7	11-20	11	1	51-100	3	OUT-OPT	8
	2= 3	2	6	S= 20	Q >5	2	T= 1	21-30	4	2	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 4	S1-2	0	A= 1	31-40	1	0	151-200	0	ED-INST	2
	4= 0	0	0		S3-4	26		41-50	0	1	>200	0		
					S >5	0		> 50	0	1	TOTAL	536	TOTAL	23

GROUP C (2500-9999) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** AC.	AVERAGE ** SECT SIZE	LAB * HRS *	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUS$) ON AND OFF-CAMPUS	
DATA COMMUNICATIONS	0= 4	2	1	R= 11	Q1-2	0	L= 18	1-10	12	19	1- 50	20	ON: IN-OPT	13
	1= 15	16	15	W= 2	Q3-4	6	R= 6	11-20	4	0	51-100	3	OUT-OPT	2
	2= 3	4	6	S= 9	Q >5	0	T= 0	21-30	4	3	101-150	1	OFF: NON-ED	0
	3= 2	2	2	N= 2	S1-2	1	A= 0	31-40	4	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	16		41-50	0	2	>200	0		
					S >5	1		> 50	0	0	TOTAL	601	TOTAL	15
PROCESS CONTROL	0= 7	2	0	R= 10	Q1-2	1	L= 7	1-10	8	12	1- 50	17	ON: IN-OPT	1
	1= 9	16	18	W= 0	Q3-4	10	R= 14	11-20	8	4	51-100	2	OUT-OPT	7
	2= 3	1	1	S= 11	Q >5	0	T= 0	21-30	4	2	101-150	1	OFF: NON-ED	0
	3= 1	1	1	N= 0	S1-2	0	A= 0	31-40	0	2	151-200	1	ED-INST	0
	4= 1	1	1		S3-4	10		41-50	0	1	>200	0		
					S >5	0		> 50	1	0	TOTAL	639	TOTAL	7
DATA PREPARATION (KEY PUNCH, VERIFIER, DATA ENTRY,...)	0= 5	4	5	R= 14	Q1-2	5	L= 1	1-10	4	4	1- 50	14	ON: IN-OPT	19
	1= 5	7	8	W= 2	Q3-4	3	R= 26	11-20	14	2	51-100	4	OUT-OPT	11
	2= 4	3	5	S= 2	Q >5	3	T= 0	21-30	9	4	101-150	4	OFF: NON-ED	0
	3= 9	9	6	N= 8	S1-2	8	A= 0	31-40	0	5	151-200	2	ED-INST	0
	4= 3	2	2		S3-4	8		41-50	0	4	>200	3		
					S >5	0		> 50	0	8	TOTAL	2493	TOTAL	30
UNIT RECORD (EAM)	0= 2	5	16	R= 57	Q1-2	1	L= 4	1-10	9	14	1- 50	27	ON: IN-OPT	202
	1= 28	20	14	W= 1	Q3-4	9	R= 72	11-20	26	11	51-100	25	OUT-OPT	42
	2= 24	25	23	S= 3	Q >5	7	T= 0	21-30	32	13	101-150	10	OFF: NON-ED	17
	3= 22	22	19	N= 15	S1-2	7	A= 1	31-40	7	7	151-200	6	ED-INST	5
	4= 8	5	5		S3-4	51		41-50	0	14	>200	9		
					S >5	0		> 50	3	18	TOTAL	7410	TOTAL	266
INTRODUCTORY COURSE IN DATA PROCESSING	0= 22	16	15	R= 104	Q1-2	4	L= 68	1-10	18	140	1- 50	52	ON: IN-OPT	353
	1= 40	35	42	W= 7	Q3-4	35	R= 93	11-20	26	21	51-100	35	OUT-OPT	349
	2= 48	39	36	S= 10	Q >5	13	T= 1	21-30	76	16	101-150	25	OFF: NON-ED	3
	3= 51	62	56	N= 72	S1-2	12	A= 29	31-40	44	8	151-200	18	ED-INST	10
	4= 29	34	38		S3-4	125		41-50	13	8	>200	65		
					S >5	3		> 50	12	8	TOTAL	40713	TOTAL	714
ADVANCED COURSE IN DATA PROCESSING	0= 6	5	4	R= 25	Q1-2	1	L= 15	1-10	14	28	1- 50	33	ON: IN-OPT	24
	1= 18	18	17	W= 2	Q3-4	8	R= 23	11-20	18	2	51-100	4	OUT-OPT	23
	2= 5	5	6	S= 7	Q >5	4	T= 0	21-30	8	1	101-150	3	OFF: NON-ED	6
	3= 9	10	11	N= 9	S1-2	3	A= 3	31-40	3	4	151-200	2	ED-INST	0
	4= 5	5	5		S3-4	24		41-50	0	4	>200	1		
					S >5	2		> 50	0	4	TOTAL	1700	TOTAL	53
PROBLEM SOLVING COURSE IN BUSINESS APPLICATIONS	0= 10	9	7	R= 50	Q1-2	1	L= 26	1-10	21	54	1- 50	48	ON: IN-OPT	90
	1= 40	45	41	W= 4	Q3-4	16	R= 56	11-20	32	14	51-100	13	OUT-OPT	53
	2= 28	21	24	S= 6	Q >5	16	T= 0	21-30	32	6	101-150	8	OFF: NON-ED	3
	3= 11	12	14	N= 29	S1-2	7	A= 6	31-40	4	5	151-200	0	ED-INST	5
	4= 5	5	6		S3-4	47		41-50	0	4	>200	3		
					S >5	3		> 50	3	9	TOTAL	4190	TOTAL	152
ADVANCED BUSINESS APPLICATIONS (MARKETING, FINANCE, PRODUCTION, ETC.)	0= 12	6	2	R= 20	Q1-2	1	L= 10	1-10	15	27	1- 50	39	ON: IN-OPT	28
	1= 25	26	28	W= 2	Q3-4	12	R= 31	11-20	15	9	51-100	2	OUT-OPT	34
	2= 9	9	10	S= 9	Q >5	4	T= 2	21-30	16	6	101-150	2	OFF: NON-ED	1
	3= 7	7	8	N= 16	S1-2	2	A= 2	31-40	3	0	151-200	0	ED-INST	2
	4= 0	1	1		S3-4	24		41-50	0	4	>200	0		
					S >5	2		> 50	0	3	TOTAL	1452	TOTAL	67
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0= 19	11	4	R= 81	Q1-2	1	L= 45	1-10	23	77	1- 50	80	ON: IN-OPT	75
	1= 50	53	51	W= 5	Q3-4	15	R= 43	11-20	45	7	51-100	17	OUT-OPT	32
	2= 29	31	37	S= 2	Q >5	6	T= 1	21-30	30	4	101-150	4	OFF: NON-ED	0
	3= 4	4	9	N= 18	S1-2	1	A= 10	31-40	2	3	151-200	2	ED-INST	1
	4= 3	4	4		S3-4	60		41-50	1	8	>200	2		
					S >5	2		> 50	4	8	TOTAL	4568	TOTAL	108
LARGE SCALE INFORMATION PROCESSING SYSTEMS	0= 4	3	2	R= 5	Q1-2	0	L= 4	1-10	5	12	1- 50	11	ON: IN-OPT	13
	1= 7	8	9	W= 0	Q3-4	3	R= 5	11-20	6	1	51-100	2	OUT-OPT	0
	2= 1	1	1	S= 3	Q >5	0	T= 0	21-30	2	0	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 0	S1-2	1	A= 2	31-40	0	0	151-200	0	ED-INST	2
	4= 0	0	0		S3-4	9		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	276	TOTAL	16
FILE ORGANIZATION	0= 3	2	0	R= 4	Q1-2	0	L= 3	1-10	3	4	1- 50	7	ON: IN-OPT	4
	1= 4	2	3	W= 1	Q3-4	5	R= 4	11-20	2	1	51-100	0	OUT-OPT	1
	2= 0	3	3	S= 2	Q >5	0	T= 0	21-30	2	1	101-150	0	OFF: NON-ED	0
	3= 0	0	1	N= 0	S1-2	0	A= 0	31-40	0	1	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	2		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	49	TOTAL	7
DATA BASE MANAGEMENT	0= 1	1	0	R= 1	Q1-2	0	L= 1	1-10	3	3	1- 50	3	ON: IN-OPT	0
	1= 1	2	3	W= 0	Q3-4	0	R= 1	11-20	0	0	51-100	0	OUT-OPT	0
	2= 1	0	0	S= 0	Q >5	1	T= 0	21-30	0	0	101-150	0	OFF: NON-ED	0
	3= 0	0	0	N= 2	S1-2	0	A= 0	31-40	0	0	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	2		41-50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL	4	TOTAL	0
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0= 11	3	5	R= 38	Q1-2	0	L= 22	1-10	10	38	1- 50	43	ON: IN-OPT	38
	1= 23	27	26	W= 2	Q3-4	18	R= 27	11-20	24	1	51-100	7	OUT-OPT	22
	2= 11	11	13	S= 4	Q >5	0	T= 0	21-30	15	4	101-150	1	OFF: NON-ED	1
	3= 7	8	6	N= 8	S1-2	0	A= 4	31-40	3	4	151-200	2	ED-INST	0
	4= 1	2	3		S3-4	34		41-50	1	4	>200	0		
					S >5	1		> 50	0	2	TOTAL	1844	TOTAL	61
INFORMATION SYSTEMS DESIGN (ADVANCED)	0= 13	4	2	R= 25	Q1-2	0	L= 17	1-10	16	23	1- 50	32	ON: IN-OPT	8
	1= 17	24	23	W= 1	Q3-4	13	R= 15	11-20	11	3	51-100	1	OUT-OPT	4
	2= 3	4	4	S= 2	Q >5	0	T= 0	21-30	4	2	101-150	0	OFF: NON-ED	0
	3= 0	1	3	N= 5	S1-2	0	A= 1	31-40	1	2	151-200	0	ED-INST	0
	4= 0	0	1		S3-4	20		41-50	1	2	>200	0		
					S >5	0		> 50	0	1	TOTAL	411	TOTAL	12
MANAGEMENT INFORMATION SYSTEMS	0= 10	6	3	R= 20	Q1-2	0	L= 20	1-10	13	33	1- 50	33	ON: IN-OPT	22
	1= 18	19	17	W= 4	Q3-4	12	R= 17	11-20	19	0	51-100	7	OUT-OPT	12
	2= 9	12	17	S= 4	Q >5	2	T= 0	21-30	9	4	101-150	1	OFF: NON-ED	1
	3= 4	4	4	N= 11	S1-2	4	A= 2	31-40	2	0	151-200	0	ED-INST	12
	4= 0	0	0		S3-4	22		41-50	0	2	>200	0		
					S >5	0		> 50	2	2	TOTAL	1087	TOTAL	47
MANAGEMENT OF COMPUTER CENTERS OF INFORMATION PROCESSING DEPARTMENTS	0= 11	4	1	R= 18	Q1-2	1	L= 10	1-10	8	18	1- 50	20	ON: IN-OPT	13
	1= 7	12	13	W= 1	Q3-4	4	R= 12	11-20	4	3	51-100	2	OUT-OPT	6
	2= 3	3	5	S= 1	Q >5	2	T= 0	21-30	9	0	101-150	0	OFF: NON-ED	0
	3= 0	2	2	N= 3	S1-2	3	A= 0	31-40	1	0	151-200	0	ED-INST	0
	4= 1	2	2		S3-4	13		41-50	0	0	>200	1		
					S >5	0		> 50	1	4	TOTAL	669	TOTAL	19

GROUP (2500-9999) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER		** AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS$) ON AND OFF-CAMPUS	
COMPUTERS AND ACCOUNTING (INCLUDING AUDITING)	0= 6	3	2	R= 5	Q1-2	0	L= 12	1-10	9	15	1- 50	17	ON: IN-OPT	13
	1= 9	13	13	M= 1	Q3-4	12	R= 7	11-20	5	1	51-100	3	OUT-OPT	3
	2= 5	2	3	S= 1	Q >5	0	T= 0	21-30	3	1	101-150	0	OFF: NON-ED	0
	3= 0	2	2	N= 11	S1-2	3	A= 0	31-40	0	1	151-200	0	ED-INST	0
	4= 0	0	0		S3-4	4		41-50	1	1	>200	0		
					S >5	0		> 50	0	1	TOTAL	491	TOTAL	15
ECONOMETRIC SIMULATION APPLICATIONS	0= 4	3	1	R= 3	Q1-2	5	L= 5	1-10	9	13	1- 50	13	ON: IN-OPT	0
	1= 9	10	11	M= 0	Q3-4	8	R= 4	11-20	3	1	51-100	1	OUT-OPT	4
	2= 0	0	1	S= 5	Q >5	0	T= 0	21-30	0	1	101-150	0	OFF: NON-ED	0
	3= 1	1	1	N= 7	S1-2	1	A= 0	31-40	1	0	151-200	1	ED-INST	1
	4= 1	1	1		S3-4	6		41-50	1	0	>200	0		
					S >5	0		> 50	1	0	TOTAL	423	TOTAL	5
OTHER	0= 86	57	32	R= 144	Q1-2	24	L= 122	1-10	166	208	1- 50	255	ON: IN-OPT	107
	1= 107	114	126	M= 19	Q3-4	61	R= 126	11-20	58	14	51-100	16	OUT-OPT	120
	2= 43	59	64	S= 71	Q >5	10	T= 3	21-30	48	17	101-150	7	OFF: NON-ED	1
	3= 40	40	42	N= 25	S1-2	31	A= 13	31-40	11	6	151-200	8	ED-INST	20
	4= 10	14	22		S3-4	154		41-50	3	10	>200	2		
					S >5	5		> 50	2	33	TOTAL	7173	TOTAL	248
DESCRIPTION NOT CODED	0= 8	8	7	R= 3	Q1-2	0	L= 0	1-10	5	23	1- 50	14	ON: IN-OPT	16
	1= 18	18	19	M= 0	Q3-4	6	R= 5	11-20	10	2	51-100	14	OUT-OPT	1
	2= 4	4	4	S= 2	Q >5	0	T= 0	21-30	20	1	101-150	4	OFF: NON-ED	0
	3= 3	3	3	N= 4	S1-2	1	A= 5	31-40	0	0	151-200	1	ED-INST	0
	4= 2	2	2		S3-4	22		41-50	0	1	>200	2		
					S >5	2		> 50	0	8	TOTAL	2672	TOTAL	18

GROUP (10000-19999)

SUMMARY BY COURSE TYPE

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUSS) ON AND OFF-CAMPUS	
COMPUTER APPRECIATION	0= 11	9	8	R= 8	Q1=2	3	L= 18	1=10	6	27	1= 50	21	ON: IN-OPT	14
	1= 14	14	12	M= 1	Q3=4	4	R= 18	11=20	5	6	51=100	3	OUT-OPT	90
	2= 5	5	8	S= 4	Q >5	1	T= 0	21=30	7	1	101=150	4	OFF: NON-ED	0
	3= 4	5	4	N= 23	S1=2	10	A= 1	31=40	6	1	151=200	4	ED-INST	0
	4= 8	4	5		S3=4	19		41=50	3	0	>200	5		
					S >5	0		> 50	7	2	TOTAL 4815		TOTAL	104
PROBLEM SOLVING COURSE IN THE HUMANITIES	0= 10	5	4	R= 2	Q1=2	0	L= 19	1=10	15	17	1= 50	32	ON: IN-OPT	30
	1= 22	22	24	M= 0	Q3=4	3	R= 15	11=20	7	2	51=100	1	OUT-OPT	34
	2= 1	5	4	S= 15	Q >5	1	T= 0	21=30	9	4	101=150	0	OFF: NON-ED	0
	3= 1	2	2	N= 17	S1=2	5	A= 0	31=40	1	0	151=200	0	ED-INST	0
	4= 8	0	0		S3=4	24		41=50	1	4	>200	1		
					S >5	1		> 50	1	7	TOTAL 823		TOTAL	64
INTRODUCTORY COURSE IN SOME COMPILER LANGUAGE SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0= 27	12	8	R= 53	Q1=2	4	L= 31	1=10	28	61	1= 50	50	ON: IN-OPT	380
	1= 30	33	40	M= 6	Q3=4	37	R= 135	11=20	25	15	51=100	25	OUT-OPT	868
	2= 38	41	32	S= 56	Q >5	3	T= 2	21=30	62	23	101=150	26	OFF: NON-ED	2
	3= 54	53	54	N= 53	S1=2	37	A= 2	31=40	30	25	151=200	13	ED-INST	18
	4= 22	31	36		S3=4	80		41=50	13	12	>200	59		
					S >5	2		> 50	15	37	TOTAL 35927		TOTAL	1247
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0= 15	9	7	R= 33	Q1=2	0	L= 10	1=10	6	23	1= 50	28	ON: IN-OPT	158
	1= 12	11	15	M= 0	Q3=4	10	R= 53	11=20	13	4	51=100	10	OUT-OPT	153
	2= 23	26	20	S= 4	Q >5	2	T= 0	21=30	22	10	101=150	10	OFF: NON-ED	24
	3= 7	11	15	N= 25	S1=2	4	A= 2	31=40	13	9	151=200	5	ED-INST	20
	4= 5	5	5		S3=4	48		41=50	6	5	>200	12		
					S >5	0		> 50	2	14	TOTAL 7520		TOTAL	355
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0= 14	11	7	R= 9	Q1=2	1	L= 31	1=10	33	53	1= 50	65	ON: IN-OPT	101
	1= 36	38	39	M= 0	Q3=4	14	R= 54	11=20	24	4	51=100	12	OUT-OPT	116
	2= 18	17	17	S= 63	Q >5	4	T= 0	21=30	14	9	101=150	1	OFF: NON-ED	0
	3= 9	10	13	N= 9	S1=2	12	A= 0	31=40	5	4	151=200	1	ED-INST	1
	4= 9	10	10		S3=4	52		41=50	4	8	>200	7		
					S >5	0		> 50	6	8	TOTAL 4370		TOTAL	298
INTRODUCTORY COURSE IN PROGRAMMING	0= 16	17	10	R= 41	Q1=2	1	L= 16	1=10	12	25	1= 50	35	ON: IN-OPT	153
	1= 19	18	22	M= 7	Q3=4	20	R= 68	11=20	21	14	51=100	20	OUT-OPT	284
	2= 28	26	24	S= 13	Q >5	3	T= 0	21=30	26	6	101=150	8	OFF: NON-ED	0
	3= 14	13	16	N= 21	S1=2	10	A= 0	31=40	15	12	151=200	7	ED-INST	0
	4= 5	8	10		S3=4	48		41=50	1	6	>200	13		
					S >5	0		> 50	8	20	TOTAL 10399		TOTAL	466
ADVANCED COURSE IN PROGRAMMING	0= 36	19	11	R= 52	Q1=2	3	L= 35	1=10	37	44	1= 50	78	ON: IN-OPT	173
	1= 40	48	44	M= 5	Q3=4	26	R= 80	11=20	36	23	51=100	26	OUT-OPT	300
	2= 25	28	35	S= 36	Q >5	2	T= 0	21=30	23	10	101=150	8	OFF: NON-ED	10
	3= 20	20	21	N= 24	S1=2	15	A= 2	31=40	18	10	151=200	6	ED-INST	17
	4= 1	9	11		S3=4	75		41=50	4	7	>200	4		
					S >5	0		> 50	1	28	TOTAL 6026		TOTAL	572
FIRST COURSE IN COMPUTER DESIGN	0= 4	2	1	R= 16	Q1=2	0	L= 12	1=10	7	17	1= 50	18	ON: IN-OPT	6
	1= 12	12	12	M= 3	Q3=4	8	R= 16	11=20	6	3	51=100	6	OUT-OPT	10
	2= 12	10	10	S= 9	Q >5	2	T= 0	21=30	10	1	101=150	2	OFF: NON-ED	0
	3= 3	7	8	N= 1	S1=2	0	A= 2	31=40	5	2	151=200	2	ED-INST	0
	4= 0	0	0		S3=4	21		41=50	1	3	>200	1		
					S >5	0		> 50	2	5	TOTAL 1975		TOTAL	16
ADVANCED COURSE IN COMPUTER DESIGN (COMPUTER ARCHITECTURE)	0= 8	5	0	R= 11	Q1=2	1	L= 17	1=10	14	16	1= 50	21	ON: IN-OPT	5
	1= 9	12	14	M= 3	Q3=4	7	R= 8	11=20	3	3	51=100	5	OUT-OPT	12
	2= 7	6	9	S= 5	Q >5	2	T= 0	21=30	6	0	101=150	0	OFF: NON-ED	0
	3= 2	3	2	N= 1	S1=2	0	A= 1	31=40	0	1	151=200	0	ED-INST	0
	4= 0	0	1		S3=4	16		41=50	3	3	>200	0		
					S >5	0		> 50	0	3	TOTAL 723		TOTAL	26
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0= 15	3	2	R= 39	Q1=2	1	L= 23	1=10	19	31	1= 50	42	ON: IN-OPT	26
	1= 32	37	32	M= 2	Q3=4	15	R= 35	11=20	21	5	51=100	13	OUT-OPT	92
	2= 7	11	15	S= 9	Q >5	3	T= 1	21=30	16	6	101=150	1	OFF: NON-ED	0
	3= 4	5	6	N= 8	S1=2	0	A= 1	31=40	2	8	151=200	1	ED-INST	11
	4= 2	4	5		S3=4	38		41=50	2	2	>200	3		
					S >5	3		> 50	0	8	TOTAL 2708		TOTAL	129
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0= 22	10	7	R= 36	Q1=2	2	L= 30	1=10	24	30	1= 50	48	ON: IN-OPT	29
	1= 28	34	31	M= 3	Q3=4	18	R= 30	11=20	13	5	51=100	9	OUT-OPT	59
	2= 8	11	17	S= 9	Q >5	2	T= 0	21=30	14	13	101=150	2	OFF: NON-ED	0
	3= 3	3	5	N= 7	S1=2	0	A= 1	31=40	5	5	151=200	2	ED-INST	0
	4= 0	1	1		S3=4	38		41=50	2	3	>200	0		
					S >5	1		> 50	3	5	TOTAL 1928		TOTAL	88
DATA STRUCTURES	0= 13	6	1	R= 29	Q1=2	0	L= 20	1=10	12	20	1= 50	32	ON: IN-OPT	6
	1= 22	26	24	M= 2	Q3=4	12	R= 21	11=20	12	5	51=100	7	OUT-OPT	53
	2= 5	8	13	S= 6	Q >5	2	T= 1	21=30	12	7	101=150	3	OFF: NON-ED	0
	3= 2	2	4	N= 3	S1=2	0	A= 0	31=40	4	2	151=200	0	ED-INST	7
	4= 0	0	0		S3=4	27		41=50	2	1	>200	0		
					S >5	1		> 50	0	7	TOTAL 1327		TOTAL	66
AUTOMATA THEORY	0= 17	10	4	R= 30	Q1=2	3	L= 36	1=10	23	36	1= 50	42	ON: IN-OPT	1
	1= 23	28	32	M= 1	Q3=4	8	R= 6	11=20	10	3	51=100	1	OUT-OPT	1
	2= 2	3	5	S= 9	Q >5	3	T= 0	21=30	7	2	101=150	0	OFF: NON-ED	0
	3= 1	1	1	N= 0	S1=2	2	A= 0	31=40	3	2	151=200	0	ED-INST	2
	4= 0	1	1		S3=4	27		41=50	0	0	>200	0		
					S >5	0		> 50	0	0	TOTAL 690		TOTAL	4
SIMULATION APPLICATIONS (NON-ECONOMETRIC)	0= 8	6	3	R= 11	Q1=2	0	L= 9	1=10	13	12	1= 50	19	ON: IN-OPT	5
	1= 11	11	14	M= 0	Q3=4	7	R= 13	11=20	7	5	51=100	3	OUT-OPT	38
	2= 1	1	2	S= 4	Q >5	1	T= 0	21=30	3	0	101=150	0	OFF: NON-ED	0
	3= 2	2	2	N= 4	S1=2	0	A= 0	31=40	0	2	151=200	0	ED-INST	1
	4= 1	1	2		S3=4	14		41=50	0	1	>200	1		
					S >5	0		> 50	0	3	TOTAL 733		TOTAL	44
SIMULATION LANGUAGES AND/OR TECHNIQUES	0= 13	6	0	R= 19	Q1=2	0	L= 20	1=10	24	23	1= 50	39	ON: IN-OPT	56
	1= 25	27	31	M= 1	Q3=4	16	R= 25	11=20	13	8	51=100	6	OUT-OPT	21
	2= 6	9	11	S= 12	Q >5	0	T= 0	21=30	6	5	101=150	0	OFF: NON-ED	0
	3= 1	2	2	N= 6	S1=2	2	A= 0	31=40	2	1	151=200	0	ED-INST	1
	4= 1	2	2		S3=4	28		41=50	0	4	>200	1		
					S >5	0		> 50	1	5	TOTAL 1301		TOTAL	80
ARTIFICIAL INTELLIGENCE (HEURISTIC PROGRAMMING)	0= 11	10	3	R= 19	Q1=2	1	L= 20	1=10	12	20	1= 50	23	ON: IN-OPT	10
	1= 14	12	15	M= 1	Q3=4	5	R= 7	11=20	7	0	51=100	2	OUT-OPT	19
	2= 8	5	6	S= 1	Q >5	1	T= 0	21=30	4	3	101=150	3	OFF: NON-ED	0
	3= 0	1	0	N= 1	S1=2	0	A= 0	31=40	1	4	151=200	0	ED-INST	0
	4= 0	0	0		S3=4	21		41=50	0	0	>200	0		
					S >5	0		> 50	4	1	TOTAL 719		TOTAL	29

GROUP C (10000-19999) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** AVERAGE ** SECT SIZE	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS 1969-70 (THOUS$) ON AND OFF-CAMPUS
HYBRID COMPUTERS	0= 4	1	1	R= 5	Q1=2 0	L= 6	1-10	9	6	1- 50	11 ON: IN-OPT 7
	1= 6	9	9	M= 0	Q3=4 5	B= 8	11-20	3	1	51-100	0 OUT-OPT 0
	2= 1	1	1	S= 3	Q >5 0	T= 0	21-30	2	3	101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 1	31-40	1	0	151-200	0 ED-INST 0
	4= 0	0	0		S3=4 6		41-50	0	1	>200	0
					S >5 0		> 50	0	0	TOTAL 164	TOTAL 7
DISCRETE STRUCTURES	0= 7	5	0	R= 12	Q1=2 0	L= 12	1-10	10	11	1- 50	18 ON: IN-OPT 8
	1= 7	8	12	M= 2	Q3=4 4	B= 4	11-20	2	3	51-100	1 OUT-OPT 19
	2= 3	4	5	S= 2	Q >5 1	T= 0	21-30	3	0	101-150	0 OFF: NON-ED 0
	3= 1	1	1	N= 0	S1=2 0	A= 0	31-40	1	0	151-200	1 ED-INST 0
	4= 0	0	0		S3=4 12		41-50	2	1	>200	0
					S >5 1		> 50	0	1	TOTAL 500	TOTAL 26
COMPUTER ORGANIZATION	0= 8	2	1	R= 23	Q1=2 2	L= 19	1-10	8	14	1- 50	23 ON: IN-OPT 15
	1= 13	17	15	M= 2	Q3=4 10	B= 15	11-20	4	8	51-100	3 OUT-OPT 37
	2= 5	6	6	S= 1	Q >5 1	T= 0	21-30	9	3	101-150	2 OFF: NON-ED 1
	3= 3	3	6	N= 0	S1=2 0	A= 0	31-40	2	0	151-200	1 ED-INST 4
	4= 1	2	2		S3=4 16		41-50	5	3	>200	1
					S >5 1		> 50	2	2	TOTAL 1365	TOTAL 56
SWITCHING THEORY	0= 7	6	2	R= 19	Q1=2 2	L= 27	1-10	16	30	1- 50	26 ON: IN-OPT 1
	1= 10	19	21	M= 0	Q3=4 11	B= 7	11-20	0	1	51-100	6 OUT-OPT 3
	2= 7	6	7	S= 10	Q >5 1	T= 0	21-30	11	0	101-150	2 OFF: NON-ED 0
	3= 1	2	2	N= 2	S1=2 1	A= 1	31-40	3	0	151-200	0 ED-INST 0
	4= 2	2	3		S3=4 20		41-50	2	0	>200	1
					S >5 0		> 50	0	0	TOTAL 1563	TOTAL 3
SEQUENTIAL MACHINES	0= 7	2	2	R= 3	Q1=2 0	L= 13	1-10	9	13	1- 50	13 ON: IN-OPT 0
	1= 9	10	10	M= 1	Q3=4 8	B= 0	11-20	4	1	51-100	1 OUT-OPT 6
	2= 1	1	1	S= 6	Q >5 0	T= 0	21-30	1	0	101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 1	31-40	0	0	151-200	0 ED-INST 0
	4= 1	1	1		S3=4 8		41-50	0	0	>200	0
					S >5 0		> 50	0	0	TOTAL 176	TOTAL 6
COMPILER CONSTRUCTION	0= 12	7	4	R= 21	Q1=2 0	L= 18	1-10	18	22	1- 50	29 ON: IN-OPT 14
	1= 18	22	26	M= 0	Q3=4 13	B= 19	11-20	8	4	51-100	7 OUT-OPT 46
	2= 5	6	6	S= 6	Q >5 1	T= 0	21-30	6	3	101-150	1 OFF: NON-ED 0
	3= 1	1	2	N= 3	S1=2 0	A= 0	31-40	1	1	151-200	0 ED-INST 0
	4= 1	1	1		S3=4 23		41-50	3	2	>200	0
					S >5 0		> 50	1	3	TOTAL 1168	TOTAL 60
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0= 20	17	4	R= 19	Q1=2 1	L= 27	1-10	15	25	1- 50	36 ON: IN-OPT 0
	1= 15	17	27	M= 0	Q3=4 8	B= 8	11-20	14	2	51-100	0 OUT-OPT 5
	2= 1	1	4	S= 5	Q >5 2	T= 0	21-30	3	5	101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 4	S1=2 0	A= 0	31-40	3	0	151-200	0 ED-INST 3
	4= 0	1	1		S3=4 25		41-50	1	2	>200	0
					S >5 0		> 50	0	2	TOTAL 370	TOTAL 8
INTRODUCTORY COMPUTER ORGANIZATION	0= 2	2	0	R= 9	Q1=2 0	L= 8	1-10	4	10	1- 50	7 ON: IN-OPT 4
	1= 6	5	7	M= 2	Q3=4 0	B= 7	11-20	2	1	51-100	6 OUT-OPT 34
	2= 8	6	7	S= 3	Q >5 1	T= 0	21-30	3	3	101-150	1 OFF: NON-ED 0
	3= 0	3	2	N= 1	S1=2 0	A= 1	31-40	2	0	151-200	1 ED-INST 0
	4= 0	0	0		S3=4 15		41-50	4	0	>200	1
					S >5 0		> 50	1	2	TOTAL 1065	TOTAL 38
ADVANCED COMPUTER ORGANIZATION	0= 5	3	4	R= 13	Q1=2 0	L= 15	1-10	13	15	1- 50	20 ON: IN-OPT 6
	1= 16	19	17	M= 2	Q3=4 7	B= 7	11-20	4	0	51-100	2 OUT-OPT 14
	2= 1	0	1	S= 2	Q >5 0	T= 0	21-30	3	5	101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 4	S1=2 0	A= 0	31-40	2	0	151-200	0 ED-INST 0
	4= 0	0	0		S3=4 14		41-50	0	1	>200	0
					S >5 1		> 50	0	1	TOTAL 361	TOTAL 20
INFORMATION STORAGE AND RETRIEVAL	0= 9	8	3	R= 9	Q1=2 0	L= 14	1-10	11	9	1- 50	18 ON: IN-OPT 1
	1= 8	10	15	M= 0	Q3=4 0	B= 4	11-20	3	2	51-100	0 OUT-OPT 21
	2= 1	0	0	S= 4	Q >5 1	T= 0	21-30	4	3	101-150	0 OFF: NON-ED 0
	3= 0	0	0	N= 3	S1=2 0	A= 0	31-40	0	0	151-200	0 ED-INST 0
	4= 0	0	0		S3=4 17		41-50	0	1	>200	0
					S >5 0		> 50	0	3	TOTAL 193	TOTAL 22
COMPUTER GRAPHICS	0= 10	3	1	R= 2	Q1=2 0	L= 4	1-10	9	5	1- 50	18 ON: IN-OPT 26
	1= 5	10	11	M= 2	Q3=4 3	B= 13	11-20	4	1	51-100	0 OUT-OPT 12
	2= 2	2	3	S= 8	Q >5 0	T= 0	21-30	3	3	101-150	1 OFF: NON-ED 3
	3= 0	1	1	N= 1	S1=2 1	A= 0	31-40	1	2	151-200	0 ED-INST 0
	4= 0	1	1		S3=4 13		41-50	0	0	>200	0
					S >5 0		> 50	0	0	TOTAL 292	TOTAL 39
COMPUTABILITY	0= 6	3	2	R= 12	Q1=2 1	L= 10	1-10	7	15	1- 50	14 ON: IN-OPT 1
	1= 10	10	11	M= 0	Q3=4 4	B= 3	11-20	5	0	51-100	1 OUT-OPT 0
	2= 1	3	2	S= 2	Q >5 1	T= 0	21-30	2	1	101-150	0 OFF: NON-ED 0
	3= 0	1	2	N= 2	S1=2 0	A= 0	31-40	2	0	151-200	0 ED-INST 0
	4= 0	0	0		S3=4 11		41-50	0	0	>200	0
					S >5 0		> 50	1	1	TOTAL 270	TOTAL 2
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0= 14	8	5	R= 41	Q1=2 3	L= 42	1-10	17	40	1- 50	47 ON: IN-OPT 18
	1= 50	53	47	M= 6	Q3=4 24	B= 47	11-20	31	11	51-100	15 OUT-OPT 190
	2= 13	15	22	S= 16	Q >5 3	T= 0	21-30	27	8	101-150	8 OFF: NON-ED 1
	3= 7	9	7	N= 3	S1=2 0	A= 0	31-40	11	5	151-200	1 ED-INST 5
	4= 6	5	5		S3=4 60		41-50	1	6	>200	1
					S >5 0		> 50	3	20	TOTAL 3685	TOTAL 214
ADVANCED NUMERICAL ANALYSIS	0= 17	17	11	R= 42	Q1=2 2	L= 51	1-10	43	51	1- 50	82 ON: IN-OPT 16
	1= 58	53	60	M= 4	Q3=4 27	B= 38	11-20	43	8	51-100	3 OUT-OPT 40
	2= 8	11	11	S= 23	Q >5 5	T= 0	21-30	14	12	101-150	0 OFF: NON-ED 0
	3= 2	4	3	N= 6	S1=2 2	A= 0	31-40	2	0	151-200	1 ED-INST 0
	4= 0	0	0		S3=4 50		41-50	3	7	>200	0
					S >5 0		> 50	1	10	TOTAL 1512	TOTAL 56
INTRODUCTORY OPERATIONS RESEARCH	0= 3	3	0	R= 9	Q1=2 0	L= 10	1-10	9	10	1- 50	14 ON: IN-OPT 5
	1= 10	10	12	M= 0	Q3=4 7	B= 8	11-20	7	2	51-100	5 OUT-OPT 2
	2= 2	2	3	S= 6	Q >5 0	T= 0	21-30	7	1	101-150	1 OFF: NON-ED 0
	3= 3	2	3	N= 4	S1=2 0	A= 1	31-40	1	1	151-200	0 ED-INST 0
	4= 3	4	3		S3=4 14		41-50	1	0	>200	1
					S >5 0		> 50	0	1	TOTAL 1212	TOTAL 8
ADVANCED OPERATIONS RESEARCH	0= 6	2	0	R= 20	Q1=2 0	L= 13	1-10	13	15	1- 50	25 ON: IN-OPT 4
	1= 16	19	21	M= 0	Q3=4 8	B= 7	11-20	8	4	51-100	2 OUT-OPT 7
	2= 2	2	2	S= 5	Q >5 1	T= 0	21-30	5	7	101-150	0 OFF: NON-ED 0
	3= 3	4	3	N= 0	S1=2 0	A= 5	31-40	0	1	151-200	0 ED-INST 0
	4= 0	0	1		S3=4 18		41-50	0	0	>200	0
					S >5 0		> 50	1	0	TOTAL 498	TOTAL 11

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** NO.	AVERAGE ** SECT SIZE	LAB HRS * NO.	*ENROLLMENT* 1969-70 FREQ*	COST COMPUTER SVCS 1969-70 (THOUS$) ON AND OFF-CAMPUS
DATA COMMUNICATIONS	0= 2	1	0	R= 2	Q1=2	0	L= 3	1-10	1	3	1- 50	4 ON: IN-OPT 0
	1= 1	2	1	M= 0	Q3=4	0	M= 1	11-20	3	1	51-100	0 OUT-OPT 0
	2= 1	1	2	S= 1	Q >5	1	T= 0	21-30	0	0	101-150	0 OFF: NON-ED 0
	3= 0	0	1	A= 1	S1=2	0	A= 0	31-40	0	0	151-200	0 ED-INST 0
	4= 0	0	0		S3=4	3		41-50	0	0	>200	0
					S >5	0		> 50	0	0	TOTAL 47	TOTAL 0
PROCESS CONTROL	0= 0	1	0	R= 1	Q1=2	0	L= 2	1-10	3	1	1- 50	3 ON: IN-OPT 0
	1= 3	2	3	M= 0	Q3=4	1	M= 1	11-20	0	1	51-100	0 OUT-OPT 0
	2= 0	0	0	S= 1	Q >5	0	T= 0	21-30	0	0	101-150	0 OFF: NON-ED 0
	3= 0	0	0	A= 0	S1=2	0	A= 0	31-40	0	1	151-200	0 ED-INST 0
	4= 0	0	0		S3=4	2		41-50	0	0	>200	0
					S >5	0		> 50	0	0	TOTAL 24	TOTAL 0
DATA PREPARATION (KEY PUNCH, VERIFIER, DATA ENTRY,...)	0= 1	0	0	R= 0	Q1=2	0	L= 1	1-10	0	2	1- 50	1 ON: IN-OPT 1
	1= 0	0	0	M= 0	Q3=4	0	M= 2	11-20	2	1	51-100	1 OUT-OPT 0
	2= 9	3	3	S= 0	Q >5	0	T= 0	21-30	0	0	101-150	0 OFF: NON-ED 0
	3= 0	0	0	A= 3	S1=2	2	A= 0	31-40	1	0	151-200	0 ED-INST 0
	4= 0	0	0		S3=4	1		41-50	0	0	>200	1
					S >5	0		> 50	0	0	TOTAL 1848	TOTAL 1
U T RECORD (EAM)	0= 2	6	4	R= 8	Q1=2	0	L= 0	1-10	0	3	1- 50	12 ON: IN-OPT 33
	1= 4	1	3	M= 0	Q3=4	1	M= 20	11-20	15	9	51-100	3 OUT-OPT 11
	2= 7	5	7	S= 0	Q >5	0	T= 0	21-30	3	0	101-150	1 OFF: NON-ED 0
	3= 5	8	5	A= 12	S1=2	2	A= 0	31-40	0	3	151-200	0 ED-INST 0
	4= 2	1	1		S3=4	17		41-50	1	0	>200	4
					S >5	0		> 50	1	5	TOTAL 2337	TOTAL 44
INTRODUCTORY COURSE IN DATA PROCESSING	0= 11	12	9	R= 17	Q1=2	1	L= 20	1-10	8	34	1- 50	21 ON: IN-OPT 115
	1= 15	12	12	M= 1	Q3=4	7	M= 28	11-20	10	13	51-100	8 OUT-OPT 298
	2= 12	13	16	S= 6	Q >5	1	T= 0	21-30	18	5	101-150	2 OFF: NON-ED 190
	3= 15	14	14	A= 33	S1=2	0	A= 10	31-40	11	3	151-200	5 ED-INST 9
	4= 8	6	6		S3=4	50		41-50	4	2	>200	25
					S >5	0		> 50	8	2	TOTAL 17614	TOTAL 415
ADVANCED COURSE IN DATA PROCESSING	0= 6	4	2	R= 6	Q1=2	0	L= 4	1-10	6	8	1- 50	9 ON: IN-OPT 0
	1= 4	4	6	M= 0	Q3=4	2	M= 10	11-20	3	0	51-100	1 OUT-OPT 44
	2= 1	3	2	S= 3	Q >5	0	T= 0	21-30	4	4	101-150	2 OFF: NON-ED 0
	3= 4	4	5	A= 7	S1=2	1	A= 2	31-40	1	1	151-200	2 ED-INST 0
	4= 1	1	1		S3=4	12		41-50	0	1	>200	2
					S >5	1		> 50	2	2	TOTAL 2067	TOTAL 44
PROBLEM SOLVING COURSE IN BUSINESS APPLICATIONS	0= 9	4	2	R= 8	Q1=2	0	L= 13	1-10	8	17	1- 50	21 ON: IN-OPT 16
	1= 11	11	11	M= 0	Q3=4	4	M= 20	11-20	8	7	51-100	3 OUT-OPT 28
	2= 10	12	13	S= 3	Q >5	0	T= 0	21-30	7	3	101-150	1 OFF: NON-ED 0
	3= 4	6	6	A= 23	S1=2	2	A= 2	31-40	4	1	151-200	1 ED-INST 18
	4= 1	2	3		S3=4	28		41-50	4	2	>200	9
					S >5	0		> 50	4	5	TOTAL 4330	TOTAL 56
ADVANCED BUSINESS APPLICATIONS (MARKETING, FINANCE, PRODUCTION, ETC.)	0= 9	1	1	R= 8	Q1=2	0	L= 3	1-10	1	11	1- 50	10 ON: IN-OPT 6
	1= 7	8	7	M= 0	Q3=4	0	M= 10	11-20	4	0	51-100	0 OUT-OPT 0
	2= 3	4	4	S= 0	Q >5	0	T= 0	21-30	3	1	101-150	1 OFF: NON-ED 0
	3= 0	0	1	A= 4	S1=2	0	A= 1	31-40	0	2	151-200	2 ED-INST 3
	4= 1	1	1		S3=4	14		41-50	0	0	>200	1
					S >5	0		> 50	0	0	TOTAL 959	TOTAL 9
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0= 3	2	0	R= 18	Q1=2	0	L= 16	1-10	8	16	1- 50	23 ON: IN-OPT 9
	1= 15	14	16	M= 0	Q3=4	7	M= 11	11-20	12	5	51-100	3 OUT-OPT 8
	2= 4	10	9	S= 1	Q >5	0	T= 0	21-30	7	3	101-150	2 OFF: NON-ED 0
	3= 4	1	1	A= 10	S1=2	0	A= 3	31-40	3	4	151-200	0 ED-INST 0
	4= 2	3	4		S3=4	23		41-50	0	1	>200	2
					S >5	0		> 50	0	0	TOTAL 1325	TOTAL 17
LARGE SCALE INFORMATION PROCESSING SYSTEMS	0= 4	3	1	R= 3	Q1=2	1	L= 5	1-10	2	4	1- 50	6 ON: IN-OPT 0
	1= 2	3	5	M= 0	Q3=4	1	M= 2	11-20	2	1	51-100	1 OUT-OPT 5
	2= 1	1	1	S= 2	Q >5	0	T= 0	21-30	3	1	101-150	0 OFF: NON-ED 0
	3= 0	0	0	A= 1	S1=2	0	A= 0	31-40	0	0	151-200	0 ED-INST 0
	4= 0	0	0		S3=4	5		41-50	0	0	>200	0
					S >5	0		> 50	0	1	TOTAL 111	TOTAL 5
FILE ORGANIZATION	0= 3	2	0	R= 3	Q1=2	1	L= 1	1-10	3	2	1- 50	6 ON: IN-OPT 0
	1= 3	4	5	M= 1	Q3=4	2	M= 4	11-20	1	2	51-100	0 OUT-OPT 13
	2= 0	0	1	S= 1	Q >5	0	T= 0	21-30	1	0	101-150	0 OFF: NON-ED 0
	3= 0	0	0	A= 1	S1=2	1	A= 0	31-40	0	2	151-200	0 ED-INST 0
	4= 0	0	0		S3=4	2		41-50	1	0	>200	0
					S >5	0		> 50	0	0	TOTAL 73	TOTAL 13
DATA BASE MANAGEMENT	0= 3	3	2	R= 2	Q1=2	0	L= 3	1-10	3	4	1- 50	5 ON: IN-OPT 0
	1= 2	2	3	M= 0	Q3=4	1	M= 1	11-20	0	1	51-100	0 OUT-OPT 0
	2= 0	0	0	S= 0	Q >5	0	T= 0	21-30	1	0	101-150	0 OFF: NON-ED 0
	3= 0	0	0	A= 1	S1=2	0	A= 0	31-40	1	0	151-200	0 ED-INST 0
	4= 0	0	0		S3=4	4		41-50	0	0	>200	0
					S >5	0		> 50	0	0	TOTAL 37	TOTAL 0
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0= 5	1	0	R= 8	Q1=2	0	L= 5	1-10	5	10	1- 50	12 ON: IN-OPT 3
	1= 8	9	8	M= 0	Q3=4	1	M= 10	11-20	3	0	51-100	1 OUT-OPT 3
	2= 3	4	6	S= 1	Q >5	0	T= 0	21-30	5	1	101-150	2 OFF: NON-ED 0
	3= 0	0	0	A= 8	S1=2	2	A= 0	31-40	2	0	151-200	0 ED-INST 2
	4= 1	1	1		S3=4	12		41-50	0	2	>200	0
					S >5	0		> 50	0	2	TOTAL 593	TOTAL 7
INFORMATION SYSTEMS DESIGN (ADVANCED)	0= 3	3	1	R= 4	Q1=2	1	L= 3	1-10	7	9	1- 50	4 ON: IN-OPT 0
	1= 5	5	4	M= 0	Q3=4	5	M= 7	11-20	1	0	51-100	4 OUT-OPT 11
	2= 1	1	2	S= 0	Q >5	0	T= 0	21-30	2	1	101-150	0 OFF: NON-ED 0
	3= 0	0	0	A= 0	S1=2	1	A= 0	31-40	0	0	151-200	0 ED-INST 0
	4= 1	1	1		S3=4	3		41-50	0	0	>200	0
					S >5	0		> 50	0	0	TOTAL 470	TOTAL 11
MANAGEMENT INFORMATION SYSTEMS	0= 4	0	0	R= 9	Q1=2	0	L= 8	1-10	7	10	1- 50	9 ON: IN-OPT 2
	1= 9	8	6	M= 0	Q3=4	4	M= 7	11-20	4	3	51-100	2 OUT-OPT 11
	2= 7	6	7	S= 1	Q >5	1	T= 0	21-30	5	3	101-150	4 OFF: NON-ED 0
	3= 3	3	4	A= 6	S1=2	1	A= 3	31-40	1	1	151-200	1 ED-INST 3
	4= 1	1	1		S3=4	12		41-50	0	0	>200	2
					S >5	0		> 50	1	1	TOTAL 1711	TOTAL 16
MANAGEMENT OF COMPUTER CENTERS OF INFORMATION PROCESSING DEPARTMENTS	0= 2	1	0	R= 3	Q1=2	0	L= 2	1-10	2	5	1- 50	5 ON: IN-OPT 0
	1= 3	2	4	M= 0	Q3=4	1	M= 4	11-20	3	1	51-100	1 OUT-OPT 0
	2= 2	2	2	S= 0	Q >5	0	T= 0	21-30	1	1	101-150	0 OFF: NON-ED 0
	3= 1	1	1	A= 2	S1=2	1	A= 1	31-40	0	0	151-200	0 ED-INST 1
	4= 0	0	0		S3=4	5		41-50	1	0	>200	1
					S >5	0		> 50	0	0	TOTAL 478	TOTAL 1

GROUP I (10000-19999) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** AVERAGE ** SECT SIZE NO.	LAB HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUS$) ON AND OFF-CAMPUS	
COMPUTERS AND ACCOUNTING (INCLUDING AUDITING)	0= 1	0	0	R= 0	Q1-2	0	L= 1	1-10	1	3	1- 50	3	ON: IN-OPT 0
	1= 2	3	3	N= 1	Q3-4	1	R= 3	11-20	1	1	51-100	0	OUT-OPT 0
	2= 1	1	1	S= 0	Q >5	0	T= 0	21-30	1	0	101-150	0	OFF: NON-ED 0
	3= 0	0	0	A= 3	S1-2	0	A= 0	31-40	1	0	151-200	0	ED-INST 0
	4= 0	0	0		S3-4	3		41-50	0	0	>200	1	
					S >5	0		> 50	0	0	TOTAL	517	TOTAL 0
ECONOMETRIC SIMULATION APPLICATIONS	0= 2	1	0	R= 0	Q1-2	0	L= 4	1-10	2	4	1- 50	4	ON: IN-OPT 0
	1= 2	3	4	N= 0	Q3-4	1	R= 1	11-20	2	0	51-100	1	OUT-OPT 1
	2= 0	0	0	S= 2	Q >5	0	T= 0	21-30	1	0	101-150	0	OFF: NON-ED 0
	3= 1	1	1	A= 3	S1-2	0	A= 0	31-40	0	1	151-200	0	ED-INST 0
	4= 0	0	0		S3-4	4		41-50	0	0	>200	0	
					S >5	0		> 50	0	0	TOTAL	140	TOTAL 1
OTHER	0= 67	38	26	R= 93	Q1-2	12	L= 129	1-10	128	158	1- 50	176	ON: IN-OPT 42
	1= 70	86	91	N= 4	Q3-4	33	R= 53	11-20	42	7	51-100	19	OUT-OPT 130
	2= 35	38	39	S= 42	Q >5	18	T= 0	21-30	28	11	101-150	9	OFF: NON-ED 5
	3= 23	29	32	A= 6	S1-2	20	A= 13	31-40	6	4	151-200	4	ED-INST 5
	4= 14	18	21		S3-4	119		41-50	4	5	>200	1	
					S >5	4		> 50	1	24	TOTAL	5247	TOTAL 201
DESCRIPTION NOT CODED	0= 4	3	0	R= 4	Q1-2	0	L= 2	1-10	6	7	1- 50	8	ON: IN-OPT 15
	1= 4	4	6	N= 0	Q3-4	0	R= 7	11-20	2	1	51-100	1	OUT-OPT 0
	2= 0	1	3	S= 2	Q >5	0	T= 0	21-30	2	0	101-150	1	OFF: NON-ED 1
	3= 0	0	0	A= 4	S1-2	1	A= 1	31-40	0	2	151-200	0	ED-INST 0
	4= 0	1	1		S3-4	9		41-50	0	0	>200	0	
					S >5	0		> 50	0	0	TOTAL	270	TOTAL 16

GROUP (ABOVE 20000) — SUMMARY BY COURSE TYPE —

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS GTR AND SEMESTER		MODE OF CPEA		** AVERAGE ** SECT SIZE	LAB HRS * NO.	*ENROLLMENT* 1969-70 FREQ*		COST COMPUTER SVCS 1969-70 (THOUSS) ON AND OFF-CAMPUS	
COMPUTER APPRECIATION	0- 8	0	1	R- 1	Q1-2	0	L- 5	1-10	1	4	1- 50	6	ON: IN-OPT	24
	1- 4	6	5	M- 0	Q3-4	5	M- 5	11-20	2	1	51-100	3	OUT-OPT	1
	2- 3	2	2	S- 4	Q >5	0	T- 0	21-30	4	5	101-150	1	OFF: NON-ED	0
	3- 2	3	3	A- 6	S1-2	1	A- 3	31-40	1	1	151-200	1	ED-INST	0
	4- 3	3	3		S3-4	3		41-50	2	0	>200	3		
					S >5	0		> 50	2	3	TOTAL 1496		TOTAL	25
PROBLEM SOLVING COURSE IN THE HUMANITIES	0- 3	2	1	R- 3	Q1-2	0	L- 4	1-10	4	6	1- 50	12	ON: IN-OPT	28
	1- 7	7	7	M- 0	Q3-4	3	M- 8	11-20	5	1	51-100	2	OUT-OPT	5
	2- 2	3	3	S- 1	Q >5	1	T- 0	21-30	1	1	101-150	0	OFF: NON-ED	0
	3- 1	1	2	A- 9	S1-2	1	A- 1	31-40	2	1	151-200	0	ED-INST	0
	4- 2	2	2		S3-4	8		41-50	0	3	>200	1		
					S >5	0		> 50	1	3	TOTAL 634		TOTAL	33
INTRODUCTORY COURSE IN SOME COMPILER LANGUAGE (SUCH AS FORTRAN, PL/1, BASIC, ALGOL	0- 11	5	4	R- 38	Q1-2	9	L- 14	1-10	9	30	1- 50	23	ON: IN-OPT	93
	1- 16	15	20	M- 1	Q3-4	17	M- 44	11-20	15	10	51-100	9	OUT-OPT	737
	2- 16	14	14	S- 18	Q >5	5	T- 3	21-30	27	9	101-150	6	OFF: NON-ED	0
	3- 24	24	24	A- 26	S1-2	20	A- 1	31-40	16	10	151-200	6	ED-INST	0
	4- 18	15	17		S3-4	30		41-50	2	10	>200	39		
					S >5	0		> 50	20	14	TOTAL 28037		TOTAL	830
INTRODUCTORY COURSE IN A LANGUAGE SUCH AS COBOL	0- 2	1	1	R- 5	Q1-2	0	L- 4	1-10	2	7	1- 50	5	ON: IN-OPT	40
	1- 4	3	4	M- 0	Q3-4	5	M- 10	11-20	4	1	51-100	1	OUT-OPT	17
	2- 1	2	2	S- 2	Q >5	2	T- 0	21-30	5	0	101-150	1	OFF: NON-ED	0
	3- 4	4	4	A- 5	S1-2	3	A- 0	31-40	1	1	151-200	3	ED-INST	0
	4- 3	4	3		S3-4	4		41-50	0	1	>200	4		
					S >5	0		> 50	2	4	TOTAL 1857		TOTAL	58
PROBLEM SOLVING COURSE IN ENGINEERING OR SCIENTIFIC APPLICATIONS	0- 7	2	5	R- 4	Q1-2	1	L- 28	1-10	17	37	1- 50	39	ON: IN-OPT	32
	1- 20	26	23	M- 0	Q3-4	10	M- 24	11-20	24	0	51-100	10	OUT-OPT	69
	2- 17	13	15	S- 28	Q >5	0	T- 1	21-30	8	3	101-150	3	OFF: NON-ED	0
	3- 13	15	13	A- 12	S1-2	6	A- 1	31-40	3	5	151-200	1	ED-INST	0
	4- 0	1	1		S3-4	40		41-50	2	5	>200	4		
					S >5	0		> 50	3	7	TOTAL 3436		TOTAL	100
INTRODUCTORY COURSE IN PROGRAMMING	0- 3	7	7	R- 30	Q1-2	2	L- 26	1-10	3	30	1- 50	13	ON: IN-OPT	97
	1- 11	16	16	M- 0	Q3-4	13	M- 24	11-20	16	2	51-100	9	OUT-OPT	219
	2- 14	10	9	S- 5	Q >5	3	T- 0	21-30	14	1	101-150	6	OFF: NON-ED	0
	3- 15	16	16	A- 14	S1-2	5	A- 5	31-40	8	1	151-200	2	ED-INST	0
	4- 7	7	8		S3-4	23		41-50	3	4	>200	25		
					S >5	3		> 50	12	10	TOTAL 10540		TOTAL	316
ADVANCED COURSE IN PROGRAMMING	0- 10	9	6	R- 29	Q1-2	2	L- 17	1-10	16	26	1- 50	35	ON: IN-OPT	91
	1- 24	22	23	M- 2	Q3-4	9	M- 41	11-20	12	3	51-100	11	OUT-OPT	189
	2- 9	13	12	S- 13	Q >5	6	T- 0	21-30	10	5	101-150	5	OFF: NON-ED	0
	3- 14	11	14	A- 9	S1-2	2	A- 0	31-40	12	4	151-200	0	ED-INST	0
	4- 2	4	4		S3-4	40		41-50	2	2	>200	8		
					S >5	0		> 50	4	19	TOTAL 4891		TOTAL	260
FIRST COURSE IN COMPUTER DESIGN	0- 4	4	1	R- 18	Q1-2	0	L- 13	1-10	4	15	1- 50	12	ON: IN-OPT	7
	1- 11	11	14	M- 0	Q3-4	7	M- 7	11-20	5	0	51-100	3	OUT-OPT	4
	2- 3	3	3	S- 5	Q >5	0	T- 0	21-30	8	1	101-150	2	OFF: NON-ED	0
	3- 2	2	2	A- 0	S1-2	2	A- 0	31-40	1	1	151-200	1	ED-INST	0
	4- 1	1	1		S3-4	10		41-50	3	0	>200	2		
					S >5	0		> 50	0	0	TOTAL 1352		TOTAL	11
ADVANCED COURSE IN COMPUTER DESIGN (COMPUTER ARCHITECTURE)	0- 2	1	2	R- 7	Q1-2	1	L- 15	1-10	6	10	1- 50	14	ON: IN-OPT	14
	1- 12	12	12	M- 3	Q3-4	3	M- 4	11-20	8	1	51-100	5	OUT-OPT	11
	2- 6	7	4	S- 6	Q >5	0	T- 0	21-30	3	3	101-150	1	OFF: NON-ED	0
	3- 0	0	3	A- 0	S1-2	3	A- 0	31-40	2	1	151-200	0	ED-INST	0
	4- 1	1	0		S3-4	14		41-50	0	0	>200	1		
					S >5	0		> 50	2	0	TOTAL 973		TOTAL	36
PROGRAMMING LANGUAGES (STRUCTURE, ETC.)	0- 4	3	2	R- 18	Q1-2	0	L- 20	1-10	4	19	1- 50	18	ON: IN-OPT	25
	1- 15	15	13	M- 0	Q3-4	8	M- 13	11-20	4	3	51-100	8	OUT-OPT	129
	2- 9	9	10	S- 8	Q >5	2	T- 0	21-30	9	5	101-150	2	OFF: NON-ED	0
	3- 6	6	8	A- 4	S1-2	0	A- 0	31-40	7	2	151-200	3	ED-INST	0
	4- 0	1	1		S3-4	24		41-50	5	1	>200	2		
					S >5	0		> 50	3	4	TOTAL 2638		TOTAL	154
OPERATING SYSTEMS (SYSTEMS PROGRAMMING, ETC.)	0- 12	9	3	R- 34	Q1-2	0	L- 26	1-10	13	31	1- 50	29	ON: IN-OPT	48
	1- 19	18	23	M- 0	Q3-4	16	M- 17	11-20	9	5	51-100	13	OUT-OPT	253
	2- 5	7	8	S- 7	Q >5	3	T- 0	21-30	17	5	101-150	1	OFF: NON-ED	0
	3- 9	11	11	A- 4	S1-2	3	A- 4	31-40	3	1	151-200	2	ED-INST	0
	4- 4	4	4		S3-4	26		41-50	3	2	>200	4		
					S >5	0		> 50	4	5	TOTAL 3034		TOTAL	301
DATA STRUCTURES	0- 5	2	0	R- 12	Q1-2	0	L- 14	1-10	3	15	1- 50	13	ON: IN-OPT	33
	1- 9	9	9	M- 0	Q3-4	4	M- 5	11-20	6	1	51-100	3	OUT-OPT	68
	2- 1	4	5	S- 4	Q >5	0	T- 0	21-30	3	2	101-150	0	OFF: NON-ED	0
	3- 3	3	3	A- 0	S1-2	2	A- 0	31-40	7	1	151-200	2	ED-INST	0
	4- 2	2	3		S3-4	14		41-50	1	0	>200	2		
					S >5	0		> 50	0	1	TOTAL 1136		TOTAL	101
AUTOMATA THEORY	0- 17	9	5	R- 26	Q1-2	1	L- 41	1-10	26	42	1- 50	42	ON: IN-OPT	1
	1- 30	29	33	M- 1	Q3-4	17	M- 2	11-20	9	1	51-100	2	OUT-OPT	10
	2- 8	6	7	S- 11	Q >5	2	T- 0	21-30	4	1	101-150	1	OFF: NON-ED	0
	3- 0	1	0	A- 0	S1-2	1	A- 2	31-40	3	1	151-200	0	ED-INST	0
	4- 0	0	0		S3-4	24		41-50	0	0	>200	0		
					S >5	0		> 50	1	0	TOTAL 791		TOTAL	11
SIMULATION APPLICATIONS (NON-ECONOMETRIC)	0- 1	2	1	R- 1	Q1-2	0	L- 5	1-10	7	5	1- 50	11	ON: IN-OPT	0
	1- 7	6	7	M- 1	Q3-4	3	M- 7	11-20	4	2	51-100	0	OUT-OPT	13
	2- 4	4	4	S- 7	Q >5	0	T- 0	21-30	0	2	101-150	1	OFF: NON-ED	0
	3- 0	0	0	A- 3	S1-2	0	A- 0	31-40	0	0	151-200	0	ED-INST	0
	4- 0	0	0		S3-4	9		41-50	0	0	>200	0		
					S >5	0		> 50	1	1	TOTAL 278		TOTAL	14
SIMULATION LANGUAGES AND/OR TECHNIQUES	0- 8	6	1	R- 8	Q1-2	0	L- 14	1-10	7	17	1- 50	18	ON: IN-OPT	2
	1- 10	12	15	M- 0	Q3-4	3	M- 3	11-20	6	0	51-100	2	OUT-OPT	30
	2- 2	2	4	S- 3	Q >5	1	T- 0	21-30	4	2	101-150	1	OFF: NON-ED	0
	3- 1	1	1	A- 2	S1-2	0	A- 1	31-40	2	0	151-200	0	ED-INST	0
	4- 0	0	0		S3-4	18		41-50	1	0	>200	0		
					S >5	0		> 50	1	2	TOTAL 486		TOTAL	32
ARTIFICIAL INTELLIGENCE (HEURISTIC PROGRAMMING)	0- 12	5	6	R- 10	Q1-2	1	L- 20	1-10	13	26	1- 50	21	ON: IN-OPT	3
	1- 10	10	17	M- 0	Q3-4	9	M- 3	11-20	3	1	51-100	4	OUT-OPT	10
	2- 1	1	0	S- 6	Q >5	1	T- 0	21-30	7	1	101-150	0	OFF: NON-ED	0
	3- 2	1	2	A- 2	S1-2	0	A- 1	31-40	0	1	151-200	0	ED-INST	0
	4- 0	0	0		S3-4	14		41-50	0	1	>200	0		
					S >5	0		> 50	2	1	TOTAL 484		TOTAL	13

GROUP C (ABOVE 20000) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER	MODE OF OPER	** AVERAGE SECT SIZE NO.	** AVERAGE LAB * HRS * NO.	*ENROLLMENT* 1969-70 * FREQ*	COST COMPUTER SVCS 1969-70 (THOUS$) ON AND OFF-CAMPUS
HYBRID COMPUTERS	0= 5	4	3	A= 3	Q1=2 C	L= 6	1-10 7	0	1- 50 12	ON: IN-OPT 3
	1= 5	7	8	M= 1	Q3=4 B	R= 6	11-20 5	1	51-100 0	OUT-OPT 10
	2= 3	2	2	S= 5	Q >5 C	T= 0	21-30 0	1	101-150 0	OFF: NON-ED 0
	3= 0	0	0	N= 0	S1=2 0	A= 0	31-40 0	2	151-200 0	ED-INST 0
	4= 0	0	0		S3=4 7		41-50 0	0	>200 0	
					S >5 0		> 50 1	1	TOTAL 193	TOTAL 12
DISCRETE STRUCTURES	0= 6	3	0	A= 10	Q1=2 C	L= 5	1-10 6	14	1- 50 10	ON: IN-OPT 1
	1= 2	2	3	M= 0	Q3=4 3	R= 2	11-20 3	0	51-100 1	OUT-OPT 1
	2= 3	5	6	S= 1	Q >5 C	T= 0	21-30 2	0	101-150 0	OFF: NON-ED 0
	3= 1	2	3	N= 0	S1=2 C	A= 0	31-40 3	0	151-200 1	ED-INST 0
	4= 0	0	0		S3=4 8		41-50 2	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 388	TOTAL 2
COMPUTER ORGANIZATION	0= 5	1	2	A= 7	Q1=2 C	L= 5	1-10 2	9	1- 50 9	ON: IN-OPT 1
	1= 5	8	7	M= 0	Q3=4 5	R= 6	11-20 3	0	51-100 3	OUT-OPT 50
	2= 5	3	4	S= 1	Q >5 2	T= 0	21-30 5	3	101-150 0	OFF: NON-ED 0
	3= 0	2	1	N= 0	S1=2 0	A= 0	31-40 3	0	151-200 2	ED-INST 0
	4= 0	1	1		S3=4 8		41-50 1	2	>200 1	
					S >5 0		> 50 1	1	TOTAL 978	TOTAL 50
SWITCHING THEORY	0= 9	7	5	A= 20	Q1=2 C	L= 27	1-10 14	32	1- 50 24	ON: IN-OPT 4
	1= 20	18	21	M= 0	Q3=4 14	R= 8	11-20 7	1	51-100 4	OUT-OPT 14
	2= 1	3	4	S= 9	Q >5 0	T= 0	21-30 4	1	101-150 3	OFF: NON-ED 0
	3= 3	5	3	N= 0	S1=2 1	A= 0	31-40 4	0	151-200 2	ED-INST 0
	4= 1	1	1		S3=4 19		41-50 1	0	>200 1	
					S >5 0		> 50 4	0	TOTAL 1590	TOTAL 17
SEQUENTIAL MACHINES	0= 2	1	0	A= 5	Q1=2 C	L= 5	1-10 5	10	1- 50 6	ON: IN-OPT 0
	1= 6	7	8	M= 0	Q3=4 6	R= 0	11-20 2	0	51-100 4	OUT-OPT 0
	2= 1	1	1	S= 2	Q >5 0	T= 0	21-30 0	0	101-150 0	OFF: NON-ED 0
	3= 1	1	1	N= 0	S1=2 0	A= 0	31-40 2	0	151-200 0	ED-INST 0
	4= 0	0	0		S3=4 4		41-50 0	0	>200 0	
					S >5 0		> 50 1	0	TOTAL 320	TOTAL 0
COMPILER CONSTRUCTION	0= 7	4	1	A= 14	Q1=2 1	L= 15	1-10 5	16	1- 50 17	ON: IN-OPT 8
	1= 12	14	15	M= 0	Q3=4 8	R= 7	11-20 3	4	51-100 5	OUT-OPT 19
	2= 2	3	4	S= 5	Q >5 1	T= 0	21-30 4	3	101-150 0	OFF: NON-ED 0
	3= 2	2	3	N= 0	S1=2 1	A= 0	31-40 5	0	151-200 1	ED-INST 0
	4= 0	0	0		S3=4 12		41-50 0	0	>200 0	
					S >5 0		> 50 2	4	TOTAL 756	TOTAL 26
FORMAL LANGUAGES AND SYNTACTIC ANALYSIS	0= 10	6	6	A= 23	Q1=2 0	L= 27	1-10 17	31	1- 50 29	ON: IN-OPT 4
	1= 21	24	25	M= 0	Q3=4 13	R= 6	11-20 8	1	51-100 5	OUT-OPT 28
	2= 2	3	2	S= 6	Q >5 2	T= 0	21-30 4	1	101-150 0	OFF: NON-ED 0
	3= 1	1	1	N= 0	S1=2 0	A= 0	31-40 3	1	151-200 0	ED-INST 0
	4= 0	0	0		S3=4 19		41-50 1	0	>200 0	
					S >5 0		> 50 1	0	TOTAL 692	TOTAL 32
INTRODUCTORY COMPUTER ORGANIZATION	0= 4	3	1	A= 9	Q1=2 0	L= 6	1-10 3	8	1- 50 5	ON: IN-OPT 24
	1= 1	0	1	M= 0	Q3=4 8	R= 1	11-20 2	1	51-100 2	OUT-OPT 14
	2= 4	5	4	S= 1	Q >5 0	T= 0	21-30 1	1	101-150 3	OFF: NON-ED 0
	3= 3	3	5	N= 1	S1=2 0	A= 1	31-40 3	1	151-200 0	ED-INST 0
	4= 0	1	1		S3=4 4		41-50 0	1	>200 1	
					S >5 0		> 50 0	0	TOTAL 1088	TOTAL 38
ADVANCED COMPUTER ORGANIZATION	0= 4	6	1	A= 12	Q1=2 0	L= 18	1-10 8	20	1- 50 16	ON: IN-OPT 1
	1= 14	11	14	M= 0	Q3=4 5	R= 1	11-20 2	1	51-100 2	OUT-OPT 1
	2= 2	2	4	S= 2	Q >5 1	T= 0	21-30 6	0	101-150 1	OFF: NON-ED 0
	3= 1	1	1	N= 1	S1=2 1	A= 1	31-40 3	0	151-200 1	ED-INST 0
	4= 8	1	1		S3=4 14		41-50 1	0	>200 1	
					S >5 0		> 50 1	0	TOTAL 882	TOTAL 1
INFORMATION STORAGE AND RETRIEVAL	0= 6	5	3	A= 6	Q1=2 0	L= 13	1-10 12	13	1- 50 15	ON: IN-OPT 0
	1= 8	9	9	M= 1	Q3=4 9	R= 5	11-20 2	3	51-100 4	OUT-OPT 38
	2= 5	3	4	S= 5	Q >5 2	T= 0	21-30 3	1	101-150 0	OFF: NON-ED 0
	3= 2	3	4	N= 8	S1=2 1	A= 2	31-40 1	1	151-200 1	ED-INST 0
	4= 0	1	1		S3=4 9		41-50 1	1	>200 1	
					S >5 0		> 50 2	2	TOTAL 861	TOTAL 38
COMPUTER GRAPHICS	0= 2	4	2	A= 2	Q1=2 1	L= 7	1-10 3	5	1- 50 8	ON: IN-OPT 14
	1= 7	5	7	M= 0	Q3=4 2	R= 1	11-20 4	0	51-100 2	OUT-OPT 3
	2= 1	1	0	S= 5	Q >5 0	T= 0	21-30 0	0	101-150 0	OFF: NON-ED 0
	3= 0	0	1	N= 0	S1=2 0	A= 0	31-40 1	0	151-200 0	ED-INST 0
	4= 0	0	0		S3=4 8		41-50 2	0	>200 0	
					S >5 0		> 50 0	1	TOTAL 306	TOTAL 17
COMPUTABILITY	0= 10	6	2	A= 9	Q1=2 0	L= 18	1-10 11	20	1- 50 15	ON: IN-OPT 0
	1= 7	11	14	M= 0	Q3=4 9	R= 1	11-20 3	0	51-100 1	OUT-OPT 3
	2= 3	3	3	S= 5	Q >5 1	T= 0	21-30 5	0	101-150 0	OFF: NON-ED 0
	3= 0	0	1	N= 0	S1=2 0	A= 0	31-40 1	0	151-200 0	ED-INST 0
	4= 0	0	0		S3=4 10		41-50 0	0	>200 0	
					S >5 0		> 50 0	0	TOTAL 227	TOTAL 3
INTRODUCTORY NUMERICAL ANALYSIS (OR METHODS)	0= 7	7	3	A= 27	Q1=2 0	L= 31	1-10 12	35	1- 50 27	ON: IN-OPT 98
	1= 20	17	19	M= 2	Q3=4 8	R= 13	11-20 10	3	51-100 11	OUT-OPT 89
	2= 12	12	13	S= 13	Q >5 5	T= 0	21-30 11	3	101-150 3	OFF: NON-ED 0
	3= 5	6	7	N= 1	S1=2 1	A= 0	31-40 4	4	151-200 2	ED-INST 0
	4= 1	3	3		S3=4 31		41-50 3	1	>200 2	
					S >5 0		> 50 5	1	TOTAL 2486	TOTAL 117
ADVANCED NUMERICAL ANALYSIS	0= 10	8	5	A= 21	Q1=2 0	L= 38	1-10 41	34	1- 50 43	ON: IN-OPT 7
	1= 30	28	33	M= 0	Q3=4 10	R= 7	11-20 17	6	51-100 3	OUT-OPT 19
	2= 6	7	5	S= 17	Q >5 6	T= 0	21-30 6	4	101-150 0	OFF: NON-ED 0
	3= 1	1	1	N= 0	S1=2 1	A= 0	31-40 1	0	151-200 1	ED-INST 0
	4= 8	3	3		S3=4 27		41-50 1	3	>200 0	
					S >5 0		> 50 1	0	TOTAL 887	TOTAL 26
INTRODUCTORY OPERATIONS RESEARCH	0= 4	2	2	A= 5	Q1=2 0	L= 16	1-10 4	11	1- 50 11	ON: IN-OPT 1
	1= 7	9	8	M= 0	Q3=4 8	R= 2	11-20 3	1	51-100 3	OUT-OPT 22
	2= 3	2	3	S= 5	Q >5 1	T= 0	21-30 4	2	101-150 3	OFF: NON-ED 0
	3= 3	3	3	N= 7	S1=2 0	A= 0	31-40 4	2	151-200 0	ED-INST 0
	4= 1	2	2		S3=4 8		41-50 1	0	>200 1	
					S >5 1		> 50 2	2	TOTAL 1022	TOTAL 22
ADVANCED OPERATIONS RESEARCH	0= 2	1	0	A= 3	Q1=2 0	L= 6	1-10 4	6	1- 50 8	ON: IN-OPT 0
	1= 4	5	6	M= 1	Q3=4 1	R= 2	11-20 3	1	51-100 1	OUT-OPT 1
	2= 3	3	3	S= 3	Q >5 0	T= 0	21-30 2	0	101-150 0	OFF: NON-ED 0
	3= 0	0	0	N= 1	S1=2 0	A= 0	31-40 0	0	151-200 0	ED-INST 0
	4= 0	0	0		S3=4 8		41-50 0	0	>200 0	
					S >5 0		> 50 0	2	TOTAL 252	TOTAL 1

GROUP C (ABOVE 20000) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS QTR AND SEMESTER		MODE OF OPER	** AC.	AVERAGE ** SECT SIZE	*ENROLLMENT* LAB * 1969-70 HRS * NO.	FREQ*	* COST COMPUTER SVCS * 1969-70 (THOUSD) ON AND OFF-CAMPUS	
DATA COMMUNICATIONS	0= 8	1	0	R= 2	Q1-2	0	L= 2	1-10	3	5 1- 50	4	ON: IN-OPT	0
	1= 3	4	5	M= 1	Q3-4	2	R= 2	11-20	1	0 51-100	2	OUT-OPT	3
	2= 0	0	0	S= 1	Q >5	0	T= 0	21-30	1	0 101-150	0	OFF: NON-ED	0
	3= 1	1	1	A= 1	S1-2	0	A= 1	31-40	0	1 151-200	0	ED-INST	0
	4= 0	0	0		S3-4	4		41-50	0	0 >200	0		
					S >5	0		> 50	1	0 TOTAL	153	TOTAL	3
PROCESS CONTROL	0= 1	0	0	R= 0	Q1-2	0	L= 3	1-10	3	5 1- 50	6	ON: IN-OPT	4
	1= 5	6	6	M= 1	Q3-4	0	R= 3	11-20	3	0 51-100	0	OUT-OPT	0
	2= 0	0	0	S= 4	Q >5	0	T= 0	21-30	0	0 101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 0	S1-2	0	A= 0	31-40	0	0 151-200	0	ED-INST	0
	4= 0	0	0		S3-4	6		41-50	0	1 >200	0		
					S >5	0		> 50	0	0 TOTAL	94	TOTAL	4
UNIT RECORD (EAM)	0= 0	0	0	R= 1	Q1-2	0	L= 0	1-10	0	0 1- 50	1	ON: IN-OPT	1
	1= 0	0	0	M= 0	Q3-4	0	R= 2	11-20	1	0 51-100	1	OUT-OPT	0
	2= 1	1	1	S= 0	Q >5	0	T= 0	21-30	1	1 101-150	0	OFF: NON-ED	0
	3= 1	1	1	A= 1	S1-2	2	A= 0	31-40	0	0 151-200	0	ED-INST	0
	4= 0	0	0		S3-4	0		41-50	0	0 >200	0		
					S >5	0		> 50	0	1 TOTAL	87	TOTAL	1
INTRODUCTORY COURSE IN DATA PROCESSING	0= 2	2	2	R= 3	Q1-2	2	L= 2	1-10	6	7 1- 50	9	ON: IN-OPT	0
	1= 9	9	7	M= 0	Q3-4	4	R= 11	11-20	0	3 51-100	2	OUT-OPT	26
	2= 2	2	1	S= 2	Q >5	0	T= 0	21-30	7	4 101-150	2	OFF: NON-ED	0
	3= 6	6	5	A= 11	S1-2	2	A= 3	31-40	1	1 151-200	0	ED-INST	0
	4= 1	0	0		S3-4	8		41-50	1	0 >200	3		
					S >5	0		> 50	1	1 TOTAL 3559		TOTAL	26
ADVANCED COURSE IN DATA PROCESSING	0= 0	2	2	R= 2	Q1-2	0	L= 4	1-10	3	4 1- 50	6	ON: IN-OPT	1
	1= 7	5	5	M= 0	Q3-4	5	R= 5	11-20	4	0 51-100	4	OUT-OPT	16
	2= 1	1	1	S= 3	Q >5	0	T= 0	21-30	1	1 101-150	0	OFF: NON-ED	0
	3= 2	2	2	A= 4	S1-2	0	A= 0	31-40	1	0 151-200	0	ED-INST	0
	4= 0	0	0		S3-4	5		41-50	1	1 >200	0		
					S >5	0		> 50	0	2 TOTAL 619		TOTAL	17
PROBLEM SOLVING COURSE IN BUSINESS APPLICATIONS	0= 2	2	1	R= 2	Q1-2	0	L= 5	1-10	3	4 1- 50	5	ON: IN-OPT	4
	1= 2	3	4	M= 0	Q3-4	2	R= 3	11-20	1	0 51-100	1	OUT-OPT	2
	2= 2	1	1	S= 2	Q >5	2	T= 0	21-30	2	2 101-150	1	OFF: NON-ED	0
	3= 0	0	0	A= 4	S1-2	0	A= 0	31-40	0	0 151-200	0	ED-INST	0
	4= 2	2	2		S3-4	4		41-50	1	0 >200	1		
					S >5	0		> 50	1	0 TOTAL 1242		TOTAL	9
ADVANCED BUSINESS APPLICATIONS (MARKETING, FINANCE, PRODUCTION, ETC.)	0= 0	1	5	R= 3	Q1-2	0	L= 0	1-10	4	11 1- 50	0	ON: IN-OPT	0
	1= 3	2	3	M= 0	Q3-4	4	R= 11	11-20	5	0 51-100	1	OUT-OPT	2
	2= 0	0	0	S= 1	Q >5	0	T= 0	21-30	1	0 101-150	1	OFF: NON-ED	0
	3= 0	0	0	A= 0	S1-2	0	A= 0	31-40	0	0 151-200	0	ED-INST	0
	4= 8	8	3		S3-4	0		41-50	1	0 >200	1		
					S >5	0		> 50	0	0 TOTAL 1025		TOTAL	2
INTRODUCTORY SYSTEMS ANALYSIS (BUSINESS)	0= 0	0	0	R= 2	Q1-2	0	L= 4	1-10	0	8 1- 50	7	ON: IN-OPT	2
	1= 8	8	7	M= 0	Q3-4	1	R= 5	11-20	2	1 51-100	3	OUT-OPT	11
	2= 1	0	1	S= 4	Q >5	0	T= 0	21-30	9	2 101-150	2	OFF: NON-ED	0
	3= 5	6	5	A= 7	S1-2	1	A= 3	31-40	1	1 151-200	0	ED-INST	0
	4= 0	0	1		S3-4	12		41-50	1	0 >200	2		
					S >5	0		> 50	1	2 TOTAL 1258		TOTAL	13
LARGE SCALE INFORMATION PROCESSING SYSTEMS	0= 3	3	0	R= 3	Q1-2	1	L= 7	1-10	6	8 1- 50	9	ON: IN-OPT	0
	1= 6	6	6	M= 0	Q3-4	3	R= 1	11-20	3	0 51-100	0	OUT-OPT	1
	2= 0	0	0	S= 0	Q >5	1	T= 0	21-30	0	1 101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 0	S1-2	0	A= 0	31-40	0	1 151-200	0	ED-INST	0
	4= 0	0	0		S3-4	4		41-50	0	0 >200	0		
					S >5	0		> 50	0	1 TOTAL 62		TOTAL	1
FILE ORGANIZATION	0= 1	1	0	R= 2	Q1-2	0	L= 1	1-10	1	1 1- 50	2	ON: IN-OPT	5
	1= 1	1	2	M= 0	Q3-4	0	R= 2	11-20	1	1 51-100	1	OUT-OPT	0
	2= 0	0	0	S= 0	Q >5	0	T= 0	21-30	0	1 101-150	0	OFF: NON-ED	0
	3= 1	1	1	A= 0	S1-2	0	A= 0	31-40	1	0 151-200	0	ED-INST	0
	4= 0	0	0		S3-4	3		41-50	0	0 >200	0		
					S >5	0		> 50	0	0 TOTAL 66		TOTAL	5
DATA BASE MANAGEMENT	0= 0	0	0	R= 2	Q1-2	0	L= 3	1-10	2	4 1- 50	3	ON: IN-OPT	0
	1= 3	3	3	M= 0	Q3-4	1	R= 1	11-20	1	0 51-100	1	OUT-OPT	9
	2= 0	0	0	S= 1	Q >5	0	T= 0	21-30	1	1 101-150	0	OFF: NON-ED	0
	3= 2	2	2	A= 2	S1-2	0	A= 1	31-40	0	0 151-200	0	ED-INST	0
	4= 0	0	0		S3-4	4		41-50	0	0 >200	1		
					S >5	0		> 50	1	0 TOTAL 549		TOTAL	9
INFORMATION SYSTEMS DESIGN (INTRODUCTORY)	0= 0	4	4	R= 6	Q1-2	0	L= 12	1-10	0	12 1- 50	12	ON: IN-OPT	4
	1= 7	6	10	M= 0	Q3-4	4	R= 1	11-20	4	2 51-100	2	OUT-OPT	2
	2= 3	3	3	S= 6	Q >5	4	T= 0	21-30	2	1 101-150	1	OFF: NON-ED	0
	3= 2	3	3	A= 3	S1-2	1	A= 2	31-40	0	0 151-200	1	ED-INST	0
	4= 0	0	0		S3-4	7		41-50	1	0 >200	0		
					S >5	0		> 50	1	1 TOTAL 548		TOTAL	6
INFORMATION SYSTEMS DESIGN (ADVANCED)	0= 3	2	0	R= 5	Q1-2	0	L= 9	1-10	7	7 1- 50	10	ON: IN-OPT	3
	1= 6	7	9	M= 0	Q3-4	3	R= 2	11-20	4	2 51-100	3	OUT-OPT	6
	2= 3	2	2	S= 7	Q >5	4	T= 0	21-30	2	0 101-150	0	OFF: NON-ED	0
	3= 1	2	2	A= 1	S1-2	0	A= 1	31-40	0	0 151-200	0	ED-INST	0
	4= 0	0	0		S3-4	6		41-50	0	4 >200	0		
					S >5	0		> 50	0	0 TOTAL 367		TOTAL	10
MANAGEMENT INFORMATION SYSTEMS	0= 6	8	3	R= 2	Q1-2	2	L= 7	1-10	7	10 1- 50	13	ON: IN-OPT	2
	1= 2	2	4	M= 0	Q3-4	6	R= 6	11-20	3	1 51-100	6	OUT-OPT	12
	2= 5	4	6	S= 6	Q >5	1	T= 0	21-30	11	4 101-150	1	OFF: NON-ED	0
	3= 8	6	7	A= 13	S1-2	1	A= 9	31-40	1	1 151-200	1	ED-INST	0
	4= 2	3	3		S3-4	13		41-50	1	0 >200	0		
					S >5	0		> 50	0	1 TOTAL 1008		TOTAL	14
MANAGEMENT OF COMPUTER CENTERS OF INFORMATION PROCESSING DEPARTMENTS	0= 1	0	0	R= 0	Q1-2	0	L= 1	1-10	1	1 1- 50	1	ON: IN-OPT	0
	1= 0	1	1	M= 0	Q3-4	0	R= 0	11-20	0	0 51-100	0	OUT-OPT	0
	2= 0	0	0	S= 1	Q >5	0	T= 0	21-30	0	0 101-150	0	OFF: NON-ED	0
	3= 0	0	0	A= 0	S1-2	0	A= 0	31-40	0	0 151-200	0	ED-INST	0
	4= 0	0	0		S3-4	1		41-50	0	0 >200	0		
					S >5	0		> 50	0	0 TOTAL 0		TOTAL	0
COMPUTERS AND ACCOUNTING (INCLUDING AUDITING)	0= 1	2	1	R= 1	Q1-2	0	L= 1	1-10	0	2 1- 50	2	ON: IN-OPT	0
	1= 1	0	0	M= 0	Q3-4	2	R= 3	11-20	2	1 51-100	1	OUT-OPT	4
	2= 1	1	2	S= 0	Q >5	0	T= 0	21-30	2	1 101-150	1	OFF: NON-ED	0
	3= 1	1	1	A= 4	S1-2	0	A= 0	31-40	0	1 151-200	0	ED-INST	0
	4= 1	1	1		S3-4	3		41-50	0	0 >200	1		
					S >5	0		> 50	1	0 TOTAL 1061		TOTAL	4

GROUP I (ABOVE 20000) SUMMARY BY COURSE TYPE CONTINUED

COURSE DESCRIPTION	NUMBER OF TERMS OFFERED 69-70	70-71	71-72	FUNCT CODE	CR HOURS PER STR AND SEMESTER		MODE OF OPER		** NO.	AVERAGE ** SECT SIZE	LAB * HRS	*ENROLLMENT* 1969-70 * NO.	FREQ*	COST COMPUTER SVCS * 1969-70 (THOUSS) ON AND OFF-CAMPUS	
ECONOMETRIC SIMULATION APPLICATIONS	0= 1	1	0	R= 2	Q1=2	0	L= 1	1=10	1	1	1= 50	2	ON:	IN=OPT	7
	1= 1	1	2	R= 0	Q3=4	2	R= 2	11=20	1	0	51=100	0		OUT=OPT	1
	2= 1	1	1	S= 0	Q >5	0	T= 0	21=30	0	0	101=150	0	OFF:	NON=ED	0
	3= 0	0	0	A= 1	S1=2	0	A= 0	31=40	1	0	151=200	0		ED=INST	0
	4= 0	0	0		S3=4	1		41=50	0	1	>200	1			
					S >5	0		> 50	0	1	TOTAL	715		TOTAL	9
OTHER	0= 32	26	20	R= 56	Q1=2	8	L= 111	1=10	85	146	1= 50	151	ON:	IN=OPT	13
	1= 84	84	88	R= 1	Q3=4	77	R= 44	11=20	56	11	51=100	21		OUT=OPT	230
	2= 33	32	33	S= 38	Q >5	13	T= 0	21=30	25	11	101=150	5	OFF:	NON=ED	0
	3= 17	19	20	A= 34	S1=2	11	A= 3	31=40	8	5	151=200	2		ED=INST	0
	4= 17	22	22		S3=4	69		41=50	7	1	>200	4			
					S >5	4		> 50	2	9	TOTAL	6021		TOTAL	243
DESCRIPTION NOT CODED	0= 4	0	1	R= 6	Q1=2	0	L= 6	1=10	6	9	1= 50	6	ON:	IN=OPT	4
	1= 3	4	2	R= 0	Q3=4	3	R= 3	11=20	2	0	51=100	2		OUT=OPT	10
	2= 1	1	2	S= 1	Q >5	1	T= 0	21=30	2	0	101=150	0	OFF:	NON=ED	0
	3= 0	3	3	A= 0	S1=2	0	A= 0	31=40	0	0	151=200	1		ED=INST	0
	4= 1	1	1		S3=4	5		41=50	1	0	>200	0			
					S >5	0		> 50	0	0	TOTAL	339		TOTAL	13

XI. Appendix

Forms and Instructions

Southern Regional Education Board 130 Sixth Street, N.W. · Atlanta, Georgia 30313 · 404 875-9211

Dear Sir:

The enclosed letter from Dr. Pasta states that we will prepare a comprehensive report from the data collected on the enclosed forms. I am certain that you will agree that such a report should be available at the earliest possible date to be of greatest use.

Your cooperation is solicited in meeting our schedule.

Our goal is to have the publication ready for distribution by January 1, 1972. All copy is to be ready by November 30, 1971. This means that we probably will not be able to include data on forms returned after July 10, 1971. In order that progress on returns can be monitored we will send notices confirming receipt of forms which have been returned after approximately forty-five (45) days or around May 10.

Sincerely,

John W. Hamblen

John W. Hamblen
Project Director
Computer Sciences

Enclosure

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550

Dear Mr. President:

In order to foster scientific advancement and facilitate efforts to upgrade the computer science activities of academic institutions, the National Science Foundation requests your cooperation in its survey, Inventory of Computers, Applications of Computers, and Instructional Programs in U.S. Higher Education, 1969-70. Data collected in the survey will not be published in any way that will disclose the financial details supplied on Form #1.

A copy of the published report, Inventory of Computers in U.S. Higher Education, 1966-67, was recently mailed to you. Publication of a comprehensive report is planned for the present effort. These reports afford an opportunity to compare your institution with those of other institutions of comparable size, type and level of offering.

So that inquiries by the National Science Foundation (and the Southern Regional Education Board which is our agent for the NSF survey) may be directed to the official you designate to coordinate the reporting for your institution, please return the enclosed, self-addressed postcard within one week. If questions arise, please write or telephone collect (404-875-9211), Dr. John W. Hamblen, Project Director, National Science Foundation Computer Inventory, Southern Regional Education Board, 130 Sixth Street, N. W., Atlanta, Georgia 30313.

We are grateful for your past assistance and will greatly appreciate your help with the present inventory.

Sincerely yours,

John R. Pasta
Head
Office of Computing Activities

Enclosures

DO NOT RETURN THIS PAGE

DISTRIBUTION OF FORMS:

In many institutions several sets of forms will be required. The size of the forms is such that they can be easily reproduced on any copying machine. The respondent may wish to make copies for working paper and to retain a set of the completed forms for his own purposes. These may be reproduced locally or additional supplies requested from:

Computer Sciences Project
Southern Regional Education Board
130 Sixth Street, N.W.
Atlanta, Georgia 30313

FORMS 1 and 2 are INSTALLATION ORIENTED

therefore, the respondent institution should submit appropriate ones for each installation. An installation is defined as an administrative unit which has equipment in use of the type listed on Form 1 and for which it is fiscally and/or administratively responsible.

FORM 3 is for reporting COURSES and/or DEGREE PROGRAMS

in Computer Science, Information Science, Data Processing, and similar options in other areas such as Mathematics, Electrical Engineering, etc. A new form should be used for each different degree program. (e.g., A Computer Science offering at both the bachelor's and master's level is to be considered as one program if offered by the same department.) COURSES in these areas which are not part of a degree program should also be reported on a separate FORM 3. In this case line 03 should be left blank. More than one page may be used if needed.

National Science Foundation
Inventory of Computers, Applications of Computers and
Instructional Programs in U.S. Higher Education

FOR YOUR USE ONLY

Distribution of Forms Within the Institution

DO NOT RETURN THIS PAGE

1. Installation or Office: _____

   Person Responsible: _____

   Forms Furnished: No. 1 ☐ No. 2 ☐ No. 3 ☐

   Forms Returned: No. 1 ☐ No. 2 ☐ No. 3 ☐

2. Installation or Office: _____

   Person Responsible: _____

   Forms Furnished: No. 1 ☐ No. 2 ☐ No. 3 ☐

   Forms Returned: No. 1 ☐ No. 2 ☐ No. 3 ☐

3. Installation or Office: _____

   Person Responsible: _____

   Forms Furnished: No. 1 ☐ No. 2 ☐ No. 3 ☐

   Forms Returned: No. 1 ☐ No. 2 ☐ No. 3 ☐

4. Installation or Office: _____

   Person Responsible: _____

   Forms Furnished: No. 1 ☐ No. 2 ☐ No. 3 ☐

   Forms Returned: No. 1 ☐ No. 2 ☐ No. 3 ☐

5. Installation or Office: _____

   Person Responsible: _____

   Forms Furnished: No. 1 ☐ No. 2 ☐ No. 3 ☐

   Forms Returned: No. 1 ☐ No. 2 ☐ No. 3 ☐

6. Installation or Office: _____

   Person Responsible: _____

   Forms Furnished: No. 1 ☐ No. 2 ☐ No. 3 ☐

   Forms Returned: No. 1 ☐ No. 2 ☐ No. 3 ☐

FIRST CLASS
PERMIT
No. 1822
ATLANTA, GA.

BUSINESS REPLY MAIL

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POSTAGE WILL BE PAID BY

NSF Computer Activities Survey
Southern Regional Education Board
130 Sixth Street, N. W.
Atlanta, Georgia 30313

OMB NO. 99 - S70008
APPROVAL EXPIRES 09/30/71

THE FOLLOWING OFFICIAL HAS BEEN ASSIGNED RESPONSIBILITY FOR COORDINATING THE COMPLETION AND RETURN OF THE NSF COMPUTER ACTIVITIES SURVEY FORMS:

ST. _____ INST. NO. _____

FIRST NAME AND INITIAL _____ LAST NAME _____

TITLE _____

INSTITUTION _____

STREET _____

CITY _____ STATE _____ ZIP _____

TELEPHONE NO. AREA _____ _____ _____ EXT. _____

SIGNATURE OF INSTITUTION HEAD _____

FIRST CLASS
PERMIT
No. 1822
ATLANTA, GA.

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NSF Computer Activities Survey
Southern Regional Education Board
130 Sixth Street, N. W.
Atlanta, Georgia 30313

OMB NO. 99 - S70008
APPROVAL EXPIRES 09/30/71

NSF COMPUTER ACTIVITIES SURVEY
PLEASE SEND ADDITIONAL FORMS AS INDICATED:

	No. copies		No. copies
FORM 1	_____	INSTRUCTIONS FOR FORM 1	_____
FORM 2	_____	INSTRUCTIONS FOR FORM 2	_____
FORM 3	_____	INSTRUCTIONS FOR FORM 3	_____

_____
NAME

_____
TITLE

_____
SIGNATURE OF SURVEY COORDINATING OFFICIAL

RE: NSF INVENTORY OF COMPUTERS
1969-70

_____ Forms containing data for your institution have been received and are acknowledged with thanks.

_____ As of May 7, 1971 we have not received the completed forms for your institution. If these forms did not arrive at your office or have become misplaced, please call my office collect (404) 375-9211 and request additional forms. The completed forms should be mailed to SREB.

John W. Hamblen
Project Director
Computer Sciences

RE: NSF INVENTORY OF COMPUTERS 1969-70

____Forms containing data for your institution have been received and acknowledged with thanks.

____As of June 4, 1971 we have not received the completed forms for your institution. If these forms are being prepared for return please disregard this notice. If these forms did not arrive at your office or have become misplaced, please call my office collect (404) 875-9211 and request additional forms. The completed forms should be mailed to SREB.

John W. Hamblen, Project Director
Computer Sciences
Southern Regional Education Board
130 Sixth Street, N.W.
Atlanta, Georgia 30313

RE: NATIONAL SCIENCE FOUNDATION SURVEY
INVENTORY OF COMPUTERS 1969-70

As of Tuesday's mail, July 13, 1971, we have not received the above forms for your institution. In my letter which accompanied the forms I stated that forms mailed after July 10 may not be included in the survey. Since we will be proofing the file during July we will be able to enter some late responses. Please encourage your staff to make their best estimates where data is difficult to obtain accurately and place the forms in the mail as soon as possible.

If your institution did not use a computer during 1969-70 or 1970-71 we would like to know this also. A note to this effect would suffice.

John W. Hamblen
Project Director, Computer Sciences
Southern Regional Education Board
130 Sixth Street, N.W.
Atlanta, Georgia 30313
Phone: 404/875-9211

FORM NO. 1

NATIONAL SCIENCE FOUNDATION
INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS, AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION: 1969-70
Conducted by the Computer Sciences Project, Southern Regional Education Board

OMB NO. 99-S70008
APPROVAL EXPIRES 09/30/71

FORM 1 EXPENDITURES, SOURCES OF SUPPORT, FLOOR SPACE, STAFF & COMPUTERS

1 ST. 3 INST. 7 INSTA. 9 FORM

01 10 12 13 14 15 COMPUTER INSTALLATION OR DEPARTMENT NAME — Head Reports To TITLE & FUNCTIONAL NAME — 45 47 INSTITUTION NAME

02 10 12 STREET ADDRESS — 37 CITY — 57 STATE — 61 ZIP-CODE

NAME OF OFF-CAMPUS FACILITY USED — 66 COOP. OR NON-PROFIT — 68 COLLEGE OR UNIV. — 70 COMMERCIAL

TOTAL EXPENDITURES IN THOUSANDS OF DOLLARS

	PROJECTED 1970-71	CAPITAL 1969-70				OPERATING 1969-70					1968-69	1967-68
		HARDWARE	SOFTWARE	BUILDINGS	FURNITURE	STAFF	HDWARE LEASE	SOFTWARE SVCS	OTHER OPER.	OFF-CAMPUS		
03 10	12	17	21	25	29	33	37	41	45	49	53	58

SOURCES OF INCOME (Thousands of Dollars) 1969-70

	1969-70 (THOUSANDS)										
	INST.	NSF	NIH	AEC	NASA	OE	ONR	ARPA	OTHER FED.	STATE	OTHER
04 10	12	16	20	24	28	32	36	40	44	48	52

FLOOR SPACE (As of June 30, 1970)

NUMBER OF LOCATIONS	SQUARE FEET NET		
	MACHINE ROOM	OFFICES	STORAGE
56	58	63	68

STAFF PAID FOR BY INSTALLATION

	NUMBER OF PEOPLE		FULL TIME EQUIVALENT						HIGHEST LEVEL OF EDUCATION								
									DOCTORATE		MASTERS		BACHELORS				
	FULL TIME	PART TIME	MGT.	CLK.	ANALYSTS	SYS. PROGMRS.	APPL. PROGMRS.	OPERATORS	COMP. SCI.	OTHER	COMP. SCI.	OTHER	COMP. SCI.	OTHER	UND. GRAD.	ASSOC. DEG.	H-S-DIPL.
05 10	12	15	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46

COMPUTERS

(As of not later than Dec. 70)
* Enter an "X" in column 26 if the computer was installed after June 30, 1970.

	MFG.		MODEL NUMBER	DC	YR INSTL	*	LEASED MFG	LEASED HOLD CO.	PURCHASED MFG	PURCHASED OTHER	AVG. HRS/MO USAGE	TYPE OF USAGE RES	ADM	INSTR	OTHER PUB SER	OTHER COM-NO	NUMBER OF TAPE DRIVES	ON LINE STORAGE IN THOUSANDS (K) OR MILLIONS (M) OF ALPHA CHARACTERS CORE (K)	DISK (M)	DRUM	K/M	OTHER	K/M	COMM CAPA-BILITY
06 10	13		17	23	24	26	27	28	29	30	31	34	36	38	40	42	44	46	50	54	58	59	63	64
07																								
08 10	13		17	23	24	26	27	28	29	30	31	34	36	38	40	42	44	46	50	54	58	59	63	64
09																								
10 10	13		17	23	24	26	27	28	29	30	31	34	36	38	40	42	44	46	50	54	58	59	63	64
11																								
12 10	13		17	23	24	26	27	28	29	30	31	34	36	38	40	42	44	46	50	54	58	59	63	64
13																								

DOES THIS INSTALLATION:
PROVIDE ___ 12 OR USE ___ 13 REMOTE COMPUTING SERVICES; PROVIDE ___ 14 OR USE ___ 15 INTERACTIVE COMPUTING; PROVIDE FORTRAN IV (OR SUBSETS) ___, BASIC ___ 16, APL ___ 17, 18

15 RESPONDENT ___ NAME TITLE ___ PHONE NO. ___ AREA CODE

MC GREGOR PRINTING CORP., GEORGIA C-9622

Instructions for Forms Completion: National Science Foundation Inventory of Computers, Applications of Computers, and Instructional Programs in U. S. Higher Education, 1969-70. Conducted by the Computer Sciences Project of the Southern Regional Education Board.

FORM NO. 1 EXPENDITURES, SOURCES OF INCOME, FLOOR SPACE, STAFF AND COMPUTERS

Purpose: To provide general information on the financial support, staff, building space and computer systems available for computer or data processing facilities used for general purpose computations at institutions of higher education.

General Instructions:

1. Where card column numbers are given, use only the number of characters indicated, abbreviate or truncate where necessary. All numeric fields should be right-justified. Zeros should be supplied where needed to distinguish from a no-response.
2. Where no column numbers are indicated, write freely but try to contain the data within the allotted space.
3. To prevent misinterpretations, please type or print carefully to distinguish between "look-alike" letters and numerals.
4. FORM 1 is to be completed for each installation if the installation has at least one computer which is not used primarily as a terminal. FORM 2 is requested for each installation which has any instructional or research usage and will cover the usage of the machines reported on FORM 1.
5. Service Bureau computer usage should be reported only as an expenditure. A small computer system used as a terminal should be reported with a "T" entered in the DC column. Details of academic usage of the installation should be reported on FORM 2.
6. Report Expenditures and Sources of Income for July 1, 1969 – June 30, 1970, or the nearest 12-month period. Report Staff, and Floor Space as of June 30, 1970.

Line No.	Columns	Description	Instructions and/or Definitions
01	15-44	Computer Installation or Department Name	Enter the name of the Computer Center, Data Processing Department, or whatever the installation is called if it operated as a distinct administrative unit. Otherwise, enter the name of the Academic Department or Administrative Office which is administratively responsible for the operation of the installation.
01	No Column Restrictions	Title and Functional Area	Enter the complete title of the person(s) to whom the head of the computer (or EAM) installation is responsible, such as Vice President for Research, Head of Civil Engineering, Dean of Academic Affairs, Registrar, Controller, etc.
01	45-46	Title Code	(ignore)
01	47-76	Institution Name	Formal Name of Institution. Abbreviate to 30 letters.
02	12-36	Street	Enter the complete address of the institution. The zip code is important. Include the street address only if it is essential.
02	37-56	City	
02	57-60	State	
02	61-65	Zip Code	
	Name of Off-Campus Facility Used:		If your installation used the computer facilities of off-campus organizations please write in an abbreviated name which will identify the supplier(s). (It is possible that some installations may be using the computer services of more than one type and more than one supplier of a given type. Enter all such suppliers.)
02	66-67	Co-op. or non-profit	
02	68-69	College or University	(Note: Card column spaces should be left blank.)
02	70-71	Commercial	
	Expenditures:		All items should be reported to the nearest thousand dollars (whole numbers—no decimals).
03	12-16	Projected for 1970-71	Total annual budget for current fiscal year (usually will be July 1, 1970–June 30, 1971). Amount in thousands of dollars.
	Capital Expenditures for 1969-70:		
03	17-20	Hardware Purchases	Amount in thousands expended for purchases of computer hardware. (Include purchases of communications and auxiliary equipment.)
03	21-24	Software Purchases	Amount in thousands expended for purchases of software packages.
03	25-28	Buildings	Amount in thousands expended for buildings, rental of buildings and/or renovation for this installation. (Include air conditioning, power outlets, etc.)
03	29-32	Furniture	Amount in thousands expended for furniture. (Include office furniture as well as data processing cabinets, files, etc.)
	Operating Expenditures 1969-70:		
03	33-36	Staff 1969-70	Amount in thousands paid in FY 1969-70 for salaries and wages.

Instructions for Forms Completion: National Science Foundation Inventory of Computers, Applications of Computers, and Instructional Programs in U.S. Higher Education, 1969-70. Conducted by the Computer Sciences Project of the Southern Regional Education Board.

FORM NO. 1 EXPENDITURES, SOURCES OF INCOME, FLOOR SPACE, STAFF AND COMPUTERS (Continued)

Line No.	Columns	Description	Instructions and/or Definitions
03	37-40	Hardware Leasing	Amount in thousands paid in FY 1969-70 for hardware leasing, rentals, etc. (Include rentals for communications and auxiliary equipment.)
03	41-44	Software Services	Amount in thousands paid in FY 1969-70 for software leasing, development, or modification (Including Systems Engineering Services, etc.)
03	45-48	Other Operating	Amount in thousands paid in FY 1969-70 for other operating expenses such as supplies, maintenance, communication, (tolls, leased lines, etc.)
03	49-52	Off-Campus Computing Services	Amount in thousands paid for off-campus computing services during the period July 1, 1969–June 30, 1970.
03	53-57	Total Expenditures 1968-69	Report the total expenditures, in thousands of dollars, for the twelve-month period prior to FY 1969-70, or corresponding reporting period. (If the installation did not exist for the previous year, enter N.A.)
03	58-62	Total Expenditures 1967-68	Report the total expenditures, in thousands of dollars, for the twelve-month period prior to the one reported on for 1968-69. (If the installation did not exist for this period enter N.A.)
	Sources of Income (FY 1969-70)		The sources of income during FY 1969-70 for the installation in thousands of dollars. Round to the nearest thousand, do not record decimals. Income is defined as "earned income" during the reporting period not receipts.
04	12-15	Institution	The amount of FY 1969-70's total income provided out of the institution's own funds. (For public institutions the regular governmental appropriations for their operating expenses would be included here. However, if a state agency reimbursed the institution for its usage of the installation's computer, this would be reported under "State.")
04	16-19	National Science Foundation	Include both specific grants for computer activities and payment for use of computer for research project contracts or grants supported by the National Science Foundation. Include only monies earned during the reporting period.
04	20-23	National Institutes of Health	Same as for the National Science Foundation.
04	24-27	Atomic Energy Commission	"
04	28-31	National Aeronautics and Space Administration	"
04	32-35	Office of Education	"
04	36-39	Office of Naval Research	"
04	40-43	Advanced Research Projects Agency	"
04	44-47	Other Federal	Amount of funds received from all other Federal sources not listed above for computing services or activities. Include only monies earned during reporting period.
04	48-51	State	Income from state government agencies for services rendered. (Do not include funds appropriated for institution's operations)
04	52-55	Other	Amount of funds received from all other categories not listed. This will include business firms and engineering labs or what is usually termed commercial work. Includes income from grants and contracts from computer manufacturers as well as other private businesses and foundations. Include only monies earned during reporting period.

Floor Space: Assigned space is defined as gross floor space less walls and columns, less area used for janitorial and building maintenance services, public washrooms, unfurnished rooms, corridors, stairways, elevators, etc.

Instructions for Forms Completion: National Science Foundation Inventory of Computers, Applications of Computers, and Instructional Programs in U.S. Higher Education, 1969-70. Conducted by the Computer Sciences Project of the Southern Regional Education Board.

FORM NO. 1 EXPENDITURES, SOURCES OF INCOME, FLOOR SPACE, STAFF AND COMPUTERS (Continued)

Line No.	Columns	Description	Instructions and/or Definitions
04	56-57	No. of Locations	Number of different locations (distinct buildings) included in space computation including remote ferminals not reported as separate installation.
04	58-62	Machine Room(s)	The net number of square feet of assigned space primarily occupied by machines including remote terminals not reported as separate installations. (Heating and air conditioning equipment should not be counted unless they are physically located in the machine room.)
04	63-67	Offices	The net number of square feet of assigned floor space used primarily to house people. This includes work areas and laboratories not included elsewhere, but not classrooms.
04	68-72	Storage	The net number of square feet of assigned floor space available for storage of cards, tapes, forms, supplies, etc.
		Staff Paid for by Installation:	
05	12-14	Full-Time	Head count of persons who are employed full-time by the installation
05	15-17	Part Time	Head count of persons who are employed only part-time by the installation
		Full-Time Equivalent (FTE):	Add to the number of full-time people employed in each category the sum of all of the fractions for the part-time people in that category rounded to the nearest whole number. Do not record fractions or decimals.
05	18-19	Management	The FTE for professional staff involved in the management of the installation (e.g. Directors, Assistant Directors, Managers, Assistant Managers, etc.)
05	20-21	Clerical	FTE for clerks, secretaries, librarians, etc.
05	22-23	Analysts	FTE for data systems analysts, includes administrative data systems analysts if employed by this installation
05	24-25	Systems Programmers	FTE for programmers with responsibility to create and/or maintain the operating systems programs
05	26-27	Applications Programmers	FTE for all other programmers
05	28-29	Operators	FTE for all machine operators. Include cardpunch, EAM and auxiliary equipment operators as well as computer operators
		Highest Level of Education:	
		Doctorate	Number of persons with a doctorate employed full-time or part-time by the installation (Ph.D., Ed.D., DBA, etc.)
05	30-31	Computer Sciences	Number of employees with doctorate in Computer Science, Information Science, Data Processing, etc.
05	32-33	Other	Number of employees with doctorate in other areas
		Master's/1st Prof.	Same except with master's degree (or first professional degree requiring at least six years, M.D., V.M.D., etc.)
05	34-35	Computer Sciences	Number of employees with master's in Computer Science, Information Science, Data Processing, etc.
05	36-37	Other	Number of employees with other master's
		Bachelor's	Same except with bachelor's degree (requiring four or five years)
05	38-39	Computer Sciences	Number of employees with bachelor's in Computer Science, Information Science, Data Processing, etc.
05	40-41	Other	Number of employees with other bachelor's
05	42-43	Undergraduate	Number of employees not having a degree and who are currently pursuing a degree

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FORM NO. 1 EXPENDITURES, SOURCES OF INCOME, FLOOR SPACE, STAFF AND COMPUTERS (Continued)

Line No.	Columns	Description	Instructions and/or Definitions
05	44-45	Associate Degree (or at least two years of college)	Number of employees having an associate degree or at least two years of college and not currently pursuing a higher degree.
05	46-47	High School Diploma	Number of employees who are high school graduates or have less than two years of college and who are not currently pursuing a college degree.
Computers:			
06	13-15	Manufacturer	Enter the appropriate three letter code from the following list to denote the manufacturer of the computer.

Code	Manufacturer Name	Code	Manufacturer Name	Code	Manufacturer Name	Code	Manufacturer Name	Code	Manufacturer Name	Code	Manufacturer Name
ADG	Adage	CLS	Computer Logic Systems	DSC	Digital Scientific	HUG	Hughes	RAY	Raytheon	TEN	Tenet
ARM	Arma	CDC	Control Data Corporation	DYR	Dynamic Research	IBM	IBM	RCA	Radio Corporation	TEC	Tec-lite
BLY	Bailey	DAG	Data General	EAI	Electronic Associates	ITK	Information Technology	RED	Redcor	UCP	Uni-comp
BEK	Beckman	DAT	Data Technology	EMR	EMR	INT	Interdata	SAN	Sanders	UCM	Unicom
BIT	BIT	DAC	Datacraft	FOM	Foto-Mem	LOC	Lockheed	SCC	Scientific Control	UNI	Univac
BUR	Burroughs	DAM	Datamate	GAM	General Automation	MIC	Micyo-Systems	SEL	Systems Eng. Lab.	VAR	Varian Data
COL	Collins	DCD	Decade	GEC	General Electric	MOT	Motorola	SPI	Spiras	WAN	Wang
COM	Comcet	DEL	Digital Electronic	HEP	Hewlett Packard	MUL	Multidata	STD	Standard Computer	WES	Westinghouse
CSI	Compiler Systems	DEC	Digital Equipment Corp.	HON	Honeywell	NCR	National Cash Register	TEM	Tempo	XDS	Xerox Data Systems
CAU	Computer Automation										

06	16		(Leave blank, except for special, non-commercially available computer, see next item.)
06	17-22	Model Number	Model number assigned by manufacturer. In a few cases institutions have built computers with such names as MANIAC III, ILLIAC II, MIT-TXO, etc. In such cases use columns 13-22 as needed to enter the name of machine.
06	23	DC (Direct Couple) or (Terminal)	A) In some cases two computers are cabled together and function as a unit (not to be confused with remote terminal concept, although similar). In this case one computer (slave) is under the control of the other (master). List the master first, enter a dash ("-") in column 23 and then list the slave computer on the next line, after entries for "master" line are completed. B) If the computer is sometimes employed as a terminal then enter a "T" in column 23. [If column 23 was not used for (A)]
06	24-25	Year Installed	Enter the last two digits of the calendar year in which each computer was first installed at the Institution.
06	26	Installed After June 30, 1970	Enter an "X" in column 26 if the computer was installed after June 30, 1970.
	Leased:		(Consider a loaned machine as a leased one at no cost.)
06	27	Manufacturer	If the computer (or any part of it) is leased directly from the manufacturer enter an "X" here.
06	28	Holding Company	If the computer (or any part of it) is leased from a holding company or a leasing firm, enter an "X" here.
	Purchased:		
06	29	Manufacturer	If the computer (or any part of it) was purchased directly from the manufacturer enter an "X" here.
06	30	Other	If the computer (or any part of it) was purchased from any other source enter an "X" here.
06	31-33	Average Hours Per Month Usage	Report usage in average hours/month for all purposes for installed computer. Enter average monthly use over all or part of period July 1, 1969–June 30, 1970 for machines installed during that fiscal year. Use current estimates for recently installed machines, leave blank if machines are not yet installed or in use. (Actual usage should be reported and not availability, uptime, or access.)

Instructions for Forms Completion: National Science Foundation Inventory of Computers, Applications of Computers, and Instructional Programs in U.S. Higher Education 1969-70 Conducted by the Computer Sciences Project of the Southern Regional Education Board.

FORM NO. 1 EXPENDITURES, SOURCES OF INCOME, FLOOR SPACE, STAFF AND COMPUTERS (Continued)

Line No.	Columns	Description	Instructions and/or Definitions
		Type of Usage:	Report average usage to the nearest ten percent. Round to nearest whole number. Do not use decimals. Record usage under five percent as "0". (e.g., usage of 23% would be recorded as "2")
06	34-35	Research	Research, administration and instruction refer to installation uses in support of such activities within the parent institution.
06	36-37	Administration	
06	38-39	Instruction	
06	40-41	Public Service Institutions	Public service organizations include other educational institutions, hospitals, museums, government agencies, libraries, etc.
06	42-43	Commerce/Industry	Commerce and industry (i.e., so-called commercial work)
06	44-45	Number of Tape Drives	Report maximum number of magnetic tape drives on-line at any one time.
		On-line Storage Available in Thousands (K) or Millions (M) of Alpha Characters:	Maximum storage capacity of computer at any one time. Do not include capacity of disk-packs on the shelf.
06	46-49	Magnetic Core (K)	Enter the size of the magnetic core storage in thousands (K) of alpha characters (e.g. a 32K word, 36 bit binary machine would have 192K alpha character capacity).
06	50-53	Disk (M)	Enter the capacity of disk units on-line at any given time in millions (M) of alpha characters.
06	54-57	Drum	Enter the capacity of drum units in thousands (K) or millions (M) of alpha characters.
06	58	K or M	Enter K for thousand or M for million (refers to drum capacity).
06	59-62	Other	Enter the capacity of other types of storage not listed above in thousands (K) or millions (M) of alpha characters.
06	63	K or M	Enter K or M as appropriate for "other."
06	64	Communication Capability	Enter an "x" if this computer communicates with terminals or other computers in off-site locations.
07-13			Repeat using instructions for line 06 as needed for reporting up to eight computers for this installation. If more than eight systems are under the direct administration of this installation, a second page of FORM 1 should be used for reporting up to another eight computers, etc.
		Services:	
		Remote Computing:	
14	12	Installation provides	Enter an "x" if this installation provides remote computing capability.
14	13	Installation uses	Enter an "x" if the installation uses remote computing capability.
		Interactive Computing:	
14	14	Installation provides	Enter an "x" if this installation provides interactive computing services.
14	15	Installation uses	Enter an "x" if this installation uses interactive computing services.
		Languages:	
14	16	FORTRAN IV	Enter an "x" if this installation provides FORTRAN IV or any of its subsets.
14	17	BASIC	Enter an "x" if this installation provides BASIC or Advanced BASIC.
14	18	APL	Enter an "x" if this installation provides APL.
15	No Restrictions		
		Respondent name Title Telephone number	Please enter the name, title and telephone number of the individual to whom inquiries should be made if clarification is needed.

FORM NO. 2

NATIONAL SCIENCE FOUNDATION
INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS,
AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION: 1969-70
Conducted by the Computer Sciences Project, Southern Regional Education Board

OMB NO. 99-370008
APPROVAL EXPIRES 09/30/71

FORM 2 INSTRUCTIONAL & RESEARCH USE
BY ACADEMIC AREA FOR PERIOD
JULY 1, 1969 - JUNE 30, 1970

1 ST. 3 INST. 7 INSTA. 9 FORM 2

01 10 COMPUTER INSTALLATION OR DEPARTMENT NAME 12 13 14 15

Head Reports To _____ TITLE & FUNCTIONAL NAME 45 47 INSTITUTION NAME

02 10 STREET ADDRESS 12 37 CITY 57 STATE 61 ZIP-CODE

NAME OF OFF-CAMPUS FACILITY USED
66 COOP OR NON-PROFIT 68 COLLEGE OR UNIV. 70 COMMERCIAL

ACADEMIC FIELDS AND DISCIPLINES	STUDENT USE IN COURSE WORK TOTAL UNDERGRADUATE AND GRADUATE			COST OF COMPUTER SERVICES FOR RESEARCH AND INSTR. (HUNDREDS)						REGL. COMP. ACT. PART.	USE OF OTHER COMPUTERS				
	NO. OF COURSES USING INSTAL.	NO. OF STUDENTS USING INSTALLATION	COST OF COMPUTER SERVICES (THOUSANDS)	TOTAL FOR DISCIPLINE	ALL INSTRUCTION	FACULTY RESEARCH SPON.	FACULTY RESEARCH NON-SPON.	OTHER RESEARCH SOFTWARE DEVELOP.	OTHER RESEARCH MISCELL.		ON CAMPUS	MODL	OFF CAMPUS	MODL	INTERACT. SUBSYST.
ENGINEERING:															
03 CHEMICAL	12	15	20	24	28	32	36	40	44	48	49	50	51	52	53
04 CIVIL															
05 ELECTRICAL	12	15	20	24	28	32	36	40	44	48	49	50	51	52	53
06 OTHER															
07 ENVIRONMENTAL SCIENCES	12	15	20	24	28	32	36	40	44	48	49	50	51	52	53
08 LIFE SCIENCES															
09 COMPUTER SCIENCES	12	15	20	24	28	32	36	40	44	48	49	50	51	52	53
10 MATHEMATICS AND STATISTICS															
PHYSICAL SCIENCES:															
11 ASTRONOMY	12	15	20	24	28	32	36	40	44	48	49	50	51	52	53
12 CHEMISTRY															
13 PHYSICS	12	15	20	24	28	32	36	40	44	48	49	50	51	52	53
14 PSYCHOLOGY															
SOCIAL SCIENCES:															
15 ECONOMICS	12	15	20	24	28	32	36	40	44	48	49	50	51	52	53
16 OTHER															
17 EDUCATION	12	15	20	24	28	32	36	40	44	48	49	50	51	52	53
18 BUSINESS AND COMMERCE															
19 ALL OTHER	12	15	20	24	28	32	36	40	44	48	49	50	51	52	53

20 RESPONDENT _____ NAME _____ TITLE _____ PHONE NO. _____ AREA CODE _____

4302

MC GREGOR PRINTING CORP., GEORGIA FC-9622

838

Instructions for Forms Completion: National Science Foundation Inventory of Computers, Applications of Computers, and Instructional Programs in U.S. Higher Education 1969-70. Conducted by the Computer Sciences Project of the Southern Regional Education Board.

FORM NO. 2 INSTRUCTIONAL AND RESEARCH USAGE BY ACADEMIC FIELDS AND DISCIPLINES.

Purpose: To provide data by academic area concerning instructional and research usage of the computer installation reported on FORM 1.

General Instructions:

1. Where card column numbers are given, use only the number of characters indicated, abbreviate or truncate where necessary. All numeric fields should be right justified. Zeros should be supplied where needed to distinguish from a no-response.
2. Where no column numbers are indicated, write freely but try to contain the data within the allotted space.
3. To prevent misinterpretations, please type or print carefully to distinguish between "look-alike" letters and numerals.
4. FORM 1 is to be completed for each installation. FORM 2 is requested for each installation and will cover the usage of the machines reported on FORM 1 for research and instruction.
5. If the records kept on usage do not coincide with the Academic Areas itemized, please obtain the BEST ESTIMATES POSSIBLE and enter these estimated values rather than leaving blanks.
   Use zeros to indicate insignificant usage.
6. If an Academic Area does not exist at the institution or is not included in the area served by your particular installation, then leave that line blank.
7. The Academic Areas described on this form are compatible with National Science Foundation CASE reporting categories. (See list at end of instructions.)
8. The reporting period for FORM 2 should be July 1, 1969 to June 30, 1970 or the nearest twelve-month period available. Only the first summer session should be included. If other period is used include only that summer session which coincided most with the reporting period used in FORM 1.

Line No.	Columns	Description	Instructions and/or Definitions
01-02			The information supplied in lines 01 and 02 should be identical to that recorded on the corresponding FORM 1.
		Student Use in Course Work: (Total Undergraduate and Graduate)	
03-19	12-14	Number of Different Courses Using Installation	Enter the number of different credit courses in the designated academic area which have made use of the computing facilities of this installation. (If the same course is offered more than once during the report period, that course should be counted only once.)
03-19	15-19	Total number of Students Using Installation in Course Work	Enter the total number of students who have at one time or another during the report-period used the installation for course work in this academic area. Include all students both undergraduate and graduate.
03-19	20-23	Total Cost or Value of Computer Services (in thousands of $)	Enter the cost or value of computer services, to the nearest thousand dollars, provided to all students who used the computer(s) in this installation in connection with their course work in this academic area during the reporting period. The value should be computed on the same basis as charges for other purposes and should include all costs to the installation. (Round to nearest thousand, do not report decimals.)
		Costs or Value of Computer Services for Research and Instruction:	
03-19	24-27	Total (costs) for Discipline	Enter the total cost or value of all computer services furnished to this academic area for research and instruction. Round to the nearest hundred dollars. Do not report decimals. Record usage under $50 as zero. Note: This number should equal (approx.) the sum of the next five entries.
03-19	28-31	All Instruction (Including student research)	Enter the costs or value of all computer services furnished to this academic area for instruction. Include student research at all levels. Round to the nearest hundred dollars, etc
		Faculty Research:	
03-19	32-35	Sponsored	Enter the costs or value of all computer services furnished to this academic area for sponsored faculty research. In general "sponsored" means that funds are provided from a source outside of the institution to pay for services. This also includes an affiliated research foundation. Round to nearest hundred dollars, etc.
03-19	36-39	Non-sponsored	Enter the costs or value of all computer services furnished to this academic area for non-sponsored faculty research. Round to nearest hundred dollars, etc.

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FORM NO. 2 INSTRUCTIONAL AND RESEARCH USAGE BY ACADEMIC FIELDS AND DISCIPLINES. (Continued)

Line No.	Columns	Description	Instructions and/or Definitions
		Other Research:	
03-19	40-43	Software Development	Enter the costs or value of all computer services furnished for software development for this academic area. (General software development costs may be allocated across several academic areas.) Round to the nearest hundred dollars, etc.
03-19	44-47	Miscellaneous	Enter the costs or value of all computer services furnished for all other research for this academic area other than faculty or student research and that reported under software development. Round to the nearest hundred dollars, etc.
03-19	48	NSF Regional Computing Activities Participation	If any of the faculty from this academic area participated in any of the NSF Regional Computing Activities or NSF supported conferences on computers in the curricula, enter: 1 = yes, 2 = no, 3 = don't know. (Attendance is sufficient to have participated.)
		Access to and/or use of other computers:	
03-19	49	On Campus	Place one of the following codes in position 49: 0 = other computers on campus not used by this academic area 1 = other computers used on campus within this academic area 2 = other computers used on campus outside this academic area [within and outside refer to the administrative control of the computer(s)] 3 = some of each
03-19	50	Mode of Usage of other on-campus computers	Place one of the following codes in position 50: 0 = none 1 = on-line (via terminal connected to a computer) 2 = batched processing at computer (i.e., no remote terminal) 3 = some of each
03-19	51	Off-campus	Place one of the following codes in position 51: 0 = no computers off-campus used by this academic area 1 = off-campus computer(s) of other educational institution(s) used. 2 = off-campus computer(s) of non-educational institution(s) used. 3 = some of each
03-19	52	Mode of Usage of other off-campus computers	Place one of the following codes in position 52: 0 = none 1 = on-line (via terminal connected to a computer) 2 = batched processing at computer (i.e., no remote terminal) 3 = some of each
03-19	53-54	Language Substitution	If any of the departments in this academic area permit the use of computer courses or a proficiency in a computer language such as FORTRAN or COBOL to meet one of the language or research tool requirements for the Ph.D. degree, enter the number of departments doing so in this space. If none, enter 00. If academic area does not exist at this institution, leave blank.
20	No Restrictions	Respondent Name Title Telephone Number	Please enter the name, title and telephone number of the individual to whom inquiries should be made if clarification is needed.

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FORM NO. 2 INSTRUCTIONAL AND RESEARCH USAGE BY ACADEMIC FIELDS AND DISCIPLINES. (Continued)

DISCIPLINES INCLUDED IN THE FIELDS OF SCIENCE AND ENGINEERING (CASE)

Engineering	Chemical:	petroleum; petroleum refining; process
	Civil:	architectural; hydraulic; hydrologic; marine; sanitary and environmental; structural; transportation
	Electrical:	communication; electronic; power
	Other:	aerodynamics; astronautical; mechanical; metallurgy and materials; agricultural; industrial; nuclear; etc.
Environmental Sciences		atmospheric sciences; geological sciences; oceanography
Life Sciences		anatomy; animal sciences; bacteriology; biochemistry; biogeography; biological oceanography; bio-physics; dentistry; ecology; embryology; entomology; evolutionary biology; genetics; immunology; internal medicine; microbiology; neurology; nutrition and metabolism; opthalmology; parasitology; pathology; pharmacology; pharmacy; physical anthropology; physical medicine and rehabilitation; physiology; plant sciences; podiatry; preventive medicine and public health; psychiatry; radiobiology; radiology; surgery; systematics; veterinary medicine.
Mathematical Sciences	Computer Sciences:	including information sciences, data processing, computer technology
	Mathematics and Statistics:	algebra; analysis; applied mathematics; foundations and logic; geometry; numerical analysis; topology
Physical Sciences	Astronomy:	laboratory astrophysics; optical astronomy; radio astronomy; theoretical astrophysics; x-ray; gamma-ray; neutrino astronomy
	Chemistry:	inorganic; organometallic; organic; physical
	Physics:	acoustics; atomic and molecular; condensed matter; elementary particles; nuclear structure; optics; plasma
Psychology	Biological Aspects:	experimental, clinical and comparative psychology; animal behavior; ethology
	Social Aspects:	social, educational, vocational, industrial and engineering psychology; personnel; testing; development and personality.
Social Sciences	Economics:	econometrics and economic statistics; history of economic thought; international economics; industrial, labor and agricultural economics; macro-economics; micro-economics; public finance and fiscal policy; theory; economic systems and development.
	Other:	
	Anthropology:	archaeology; cultural and personality; social and ethnology; applied anthropology
	History:	cultural; political; social; history and philosophy of science
	Linguistics:	anthropological-archaeological; computational; psycholinguistics; socio-linguistics
	Political Science:	area or regional studies; comparative government; history of political ideas; international relations and law; national political and legal systems; political theory; public administration
	Sociology:	comparative and historical; complex organizations; culture and social structure; demography; group interactions; social problems and social welfare; sociological theory

Disciplines included in education and business according to HEGIS (Office of Education) taxonomy (1969)

Education — All areas of education, i.e., from schools or departments of education, except educational psychology.

Business and Commerce — business administration; accounting; finance; banking; hotel or restaurant administration; marketing; real estate, insurance; secretarial studies; transportation.

All Other — To be used for all other fields and multidisciplinary and interdisciplinary projects which cannot be classified within one of the above primary fields or areas.

3.11

FORM NO. 3

NATIONAL SCIENCE FOUNDATION
INVENTORY OF COMPUTERS, APPLICATIONS OF COMPUTERS,
AND INSTRUCTIONAL PROGRAMS IN U.S. HIGHER EDUCATION: 1969-70
Conducted by the Computer Sciences Project, Southern Regional Education Board

OMB NO. 99-S70008
APPROVAL EXPIRES 09/30/71

FORM 3 COMPUTER SCIENCE COURSES AND/OR DEGREE PROGRAMS

1 ST. | 3 INST. | 7 INSTA. | 3 9 FORM

01 10 | 12 13 14 | 15 DEPARTMENT, DIVISION OR SCHOOL

Head Reports To _____ TITLE & FUNCTIONAL NAME | 45 | 47 INSTITUTION NAME

02 10 | 12 STREET ADDRESS | 37 CITY | 57 STATE | 61 ZIP-CODE | RESPONDENT NAME | TITLE | PHONE NO. (INCLUDE AREA CODE)

DEGREE PROGRAM:

	DEPT. CODE	PROG. NAME CODE	DEGREE LEVEL AND YEAR OFFERED: ASSOC. 69/70	ASSOC. 70/71	ASSOC. 71/72	BACH. 69/70	BACH. 70/71	BACH. 71/72	MAST. 69/70	MAST. 70/71	MAST. 71/72	DOCT. 69/70	DOCT. 70/71	DOCT. 71/72	STAFF: NO. OF PEOPLE: FULL TIME	PART TIME: RES. ASS'TS	PART TIME: TEACH ASS'TS	PART TIME: OTHER	TOTAL FTE	DOCT. COMP. SCIENCE-ETC.: FACULTY	DOCT. COMP. SCIENCE-ETC.: OTHER	DOCT. OTHER: FACULTY	DOCT. OTHER: OTHER	NO. JOINT APP'TS	STUDENTS: MAJORS ENROLLED 1969-70: UNDER GRAD	GRAD	DEGREES AWARDED 1969-70: ASSOC.	BACH.	MAST.	DOCT.	1970-71 (EST): ASSOC.	BACH.	MAST.	DOCT.
03 10	12	15	18	19	20	21	22	23	24	25	26	27	28	29	30	32	34	36	38	40	42	44	46	48	50	53	56	58	60	62	64	66	68	70

	COURSES: DEPT. CODE	COURSE NUMBER	TERMS OFFERED 69/70	70/71	71/72	FUNCT.	CR. HRS.	TERM	COURSE CLASSIF. CODE	MODE OPERATION	AVERAGE SECTION SIZE	AVERAGE NO. LAB. HOURS PER STUDENT	TOTAL ENROLLMENT 1969-70	COST OF COMPUTER SERVICES 1969-70 ($ HUNDREDS): TOTAL	ON-CAMPUS: IN DEPT.	ON-CAMPUS: OUT DEPT.	OFF-CAMPUS: ED. INST.	OFF-CAMPUS: NON-ED. INST.
04 10	12	15	19	20	21	22	23	24	25	27	28	31	34	38	42	46	50	54
05	---	----	—	—	—	—	—	—	--	—	---	---	----	----	----	----	----	----
06 10	12	15	19	20	21	22	23	24	25	27	28	31	34	38	42	46	50	54
07	---	----	—	—	—	—	—	—	--	—	---	---	----	----	----	----	----	----
08 10	12	15	19	20	21	22	23	24	25	27	28	31	34	38	42	46	50	54
09	---	----	—	—	—	—	—	—	--	—	---	---	----	----	----	----	----	----
10 10	12	15	19	20	21	22	23	24	25	27	28	31	34	38	42	46	50	54
11	---	----	—	—	—	—	—	—	--	—	---	---	----	----	----	----	----	----
12 10	12	15	19	20	21	22	23	24	25	27	28	31	34	38	42	46	50	54
13	---	----	—	—	—	—	—	—	--	—	---	---	----	----	----	----	----	----
14 10	12	15	19	20	21	22	23	24	25	27	28	31	34	38	42	46	50	54
15	---	----	—	—	—	—	—	—	--	—	---	---	----	----	----	----	----	----
16 10	12	15	19	20	21	22	23	24	25	27	28	31	34	38	42	46	50	54
17	---	----	—	—	—	—	—	—	--	—	---	---	----	----	----	----	----	----
18 10	12	15	19	20	21	22	23	24	25	27	28	31	34	38	42	46	50	54
19	---	----	—	—	—	—	—	—	--	—	---	---	----	----	----	----	----	----

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MC GREGOR PRINTING CORP., GEORGIA C-9622

Instructions for Forms Completion: National Science Foundation Inventory of Computers, Applications of Computers, and Instructional Programs in U.S. Higher Education, 1969-70. Conducted by the Computer Sciences Project of the Southern Regional Education Board.

FORM NO. 3 COMPUTER SCIENCE COURSES AND/OR DEGREE PROGRAMS

Purpose: To provide data on courses and degree programs in Computer Science, Information Science, or Data Processing, and Computer Science majors in other areas such as Mathematics, Electrical Engineering, etc.

General Instructions:

1. Where card column numbers are given, use only the number of characters indicated, abbreviate or truncate where necessary. All numeric fields should be right justified. Zeros should be supplied where needed to distinguish from a no-response.
2. Where no column numbers are indicated, write freely but try to contain the data within the allotted space.
3. To prevent misinterpretations, please type or print carefully to distinguish between "look-alike" letters and numerals.
4. FORM 3 should be completed for each department which offers a major program in Computer Science, Information Science, Data Processing, or similar Computer Science-related major. Courses in these areas which are not part of a degree program should also be reported on a separate FORM 3.

Line No.	Columns	Description	Instructions and/or Definitions
01	15-44	Department, Division or School Name	Each department (or school) within the same academic institution which offers a degree program in computer science should complete a FORM 3. Enter the name of the department (or school), abbreviated to 25 letters. The name of the school, division, college, or committee should be used if a separate department does not exist.
01	No Restrictions	Title and Functional Area	The title of the person to whom the Head of the Department (or school, etc.) is responsible.
01	45-46	Title Code	Leave Blank.
01	47-76	Institution Name	The formal name of the academic institution.
02	12-36	Street Address	Include street address only if it is essential -- zip code is important.
02	37-56	City	
02	57-60	State	
02	61-65	Zip Code	
02	No Column Restrictions	Respondent Name Title Telephone Number	Please enter the name, title and telephone number of the individual to whom inquiries should be made if clarification is needed.
	Degree Program:		
03	12-14	Department Code	Enter the appropriate three character code from the following list:

Department Name	Code	Department Name	Code	Department Name	Code
Business Administration	BAD	Information Science	ISC	Environmental Sciences	ENV
Computer and Information Sci.	CIS	Information Systems	ISY	Life Sciences	LSC
Computer Programming	CPR	Mathematics	MAT	Mathematical Sciences	MSC
Computer Science	CSC	Systems Analysis	SAN	Physical Sciences	PSC
Computer Technology	CTE	Systems Engineering	SEN	Social Sciences	SSC
Data Processing	DPR	Systems Science	SYS	Education	EDU
Electrical Engineering	EEN	More than one of the above:		Business, Commerce	BUS
Industrial Engineering	IEN	Committee	COM	Other Departments not	
Information and Computer Sci.	ICS	Other Departments in:		elsewhere classified	NEC
Information Processing	IPR	Engineering	ENG		

03	15-17	Degree Program Name Code	A department (or school) may have more than one computer-related degree program. A FORM 3 should be completed for each major program such as Computer Science, Information Science, Data Processing, etc. Enter the three-character code from the following list which best represents the degree program being reported.

Degree Program Name	Code	Degree Program Name	Code	Degree Program Name	Code
Computer Programming	CPR	Information Processing	IPR	Systems Analysis	SAN
Computer Science	CSC	Information Science	ISC	Systems Engineering	SEN
Computer Technology	CTE	Information Systems	ISY	Systems Sciences	SYS
Data Processing	DPR				

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FORM NO. 3 COMPUTER SCIENCE COURSES AND/OR DEGREE PROGRAMS (Continued)

Line No.	Columns	Description	Instructions and/or Definitions
03	18,19,20,21 22,23,24,25 26,27,28,29	Degree Level and Year Offered	Place an "X" in the appropriate cell to indicate the degree level and whether it was offered during 1969-70, is offered during 1970-71 and/or will be during 1971-72. "X" all appropriate cells.
		Staff:	
		Number of People	
03	30-31	Full-time Staff	The number of people (head count) employed full-time in this degree program during 1969-70 (exclude secretarial and clerical).
		Part-time staff	
03	32-33	Research Assistants	The number of people employed part-time as research assistants in this degree program during 1969-70.
03	34-35	Teaching Assistants	The number of people employed part-time as teaching assistants in this degree program during 1969-70.
03	36-37	Other	The number of people employed part-time in this degree program during 1969-70 other than research assistants and teaching assistants. (Exclude secretarial and clerical.)
		Full-time Equivalents	
03	38-39	Total FTE	FTE's should be reported to the nearest whole number. Add all fractions for part-time staff, round to nearest whole number and add number of full-time staff. (Exclude secretarial and clerical.) (1969-70)
		Doctorates in Computer Sciences, etc.	
03	40-41	Faculty	Enter the number of people with faculty status during 1969-70 who had a doctorate in Computer Science or one of the degree programs listed above under Degree Program Names.
03	42-43	Other	Enter the number of people employed during 1969-70 in this degree program, other than faculty, who had a doctorate in Computer Science or one of the degree programs listed above under Degree Program Names.
		Doctorates in Other Fields	
03	44-45	Faculty	Enter the number of people employed during 1969-70 in this degree program with faculty status who had a doctorate in a field other than those listed above under Degree Program Names.
03	46-47	Other	Enter the number of people employed during 1969-70 in this degree program other than faculty who had a doctorate in a field other than those listed above under Degree Program Names.
		Joint Appointments	
03	48-49	Joint Appointments	Enter the number of people employed during 1969-70 in this degree program who also had another appointment in the institution.
		Students:	
		Majors Enrolled (1969-70)	
03	50-52	Undergraduate	The number of undergraduate students enrolled as majors in this degree program during the period July 1, 1969 – June 30, 1970. Do not include students enrolled during 1970 summer session but do include those enrolled in the 1969 summer session. Undergraduate means those who do not have a degree requiring at least four years.
03	53-55	Graduate	Same for graduate students except that graduate student is defined as one who has a first degree requiring at least four years.
		Degrees Awarded (1969-70)	
03	56-57	Associate	The number of students who graduated during the period July 1, 1969 – June 30, 1970 as a major in this degree program. Do not include graduates from the 1970 summer session, but do include graduates from the 1969 summer session.
03	58-59	Bachelor's	

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FORM NO. 3 COMPUTER SCIENCE COURSES AND/OR DEGREE PROGRAMS (Continued)

Line No.	Columns	Description	Instructions and/or Definitions
03	60-61	Master's	
03	62-63	Doctorate	
	1970-71 (Estimates)		
03	64-65	Associate	Estimate the number of students you expect to graduate during the period July 1, 1970 – June 30, 1971 as majors in this degree program. Do not include the 1971 summer session but do include the 1970 summer session.
03	66-67	Bachelor's	
03	68-69	Master's	
03	70-71	Doctorate	
		COURSES: (Please use a separate FORM 3 for reporting credit courses in programming, data processing, and computer science which are not part of a degree program with a major in any of the areas named under Degree Program Names on page 1. In this case, line 03 would be left blank. Report credit courses only.)	
(Report Credit Courses Only.)			
04-19	12-14	Department Code	Enter the appropriate three-character code from the list of departments given on page 1.
04-19	15-18	Course Number	Enter the catalog number used by your institution for the course. (e.g., if a Computer Science Department offers a course, say, C.S. 103, this course would be entered as CSC 103)
	Terms Offered		
04-19	19,20,21	Number of Terms	Enter the numeral 0,1,2,3, or 4 which represents the number of times the course was offered during 1969-70, is being offered during 1970-71, and your estimate of the number of times the course will be offered during 1971-72. (In each case count the summer session at the beginning of the reporting period.)
04-19	22	Function	Enter the most appropriate code from the following list: Code Type R – Required course for majors in Computer Sciences, etc. (any level) M – Required course for minors in Computer Sciences, etc. S – Service course for science majors. N – Service course for non-science majors.
04-19	23	Credit Hours	Enter the number of credit hours received upon satisfactory completion of the course.
04-19	24	Term	Enter "S" for semester or "Q" for quarter system.
04-19	25-26	Course Classification Code	Enter the two-digit code for the descriptor which most nearly identifies the nature of each course.

Code	Course Descriptor
01	computer appreciation
02	problem solving course in the humanities
03	introductory course in some compiler language such as FORTRAN, PL/I, BASIC, ALGOL
04	introductory course in a language such as COBOL
05	problem solving course in engineering or scientific applications
06	introductory course in programming
07	advanced course in programming
08	first course in computer design
09	advanced course in computer design (computer architecture)
10	programming languages (structure, etc.)
11	operating systems (systems programming, etc.)
12	data structures
13	automata theory
14	simulation applications (non-econometric)
15	simulation languages and/or techniques
16	artificial intelligence (heuristic programming)
17	hybrid computers
18	discrete structures
19	computer organization
20	switching theory
21	sequential machines
22	compiler construction
23	formal languages and syntactic analysis
24	introductory computer organization
25	advanced computer organization
26	information storage and retrieval
27	computer graphics
28	computability
29	introductory numerical analysis (or methods)
30	advanced numerical analysis
31	introductory operations research
32	advanced operations research
33	data communications
34	process control
35	data preparation (key punch, verifier, data entry, . . .)
36	unit record (EAM)
37	introductory course in data processing
38	advanced course in data processing
39	problem solving course in business applications
40	advanced business applications (marketing, finance, production, etc.)
41	introductory systems analysis (business)
42	large scale information processing systems
43	file organization
44	data base management
45	information systems design (introductory)
46	information systems design (advanced)
47	management information systems
48	management of computer centers of information processing departments
49	computers and accounting (including auditing)
50	econometric simulation applications
51	other

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FORM NO. 3 COMPUTER SCIENCE COURSES AND/OR DEGREE PROGRAMS (Continued)

Line No.	Columns	Description	Instructions and/or Definitions
04-19	27	Mode of Operation	Which of the following modes of operation best describe how the course was operated during 1969-70 or the last time offered? L – Lecture only R – Lecture plus Laboratory T – Television or Film plus Laboratory A – Lecture plus extensive use of visuals (slides, transparencies, etc.)
04-19	28-30	Average Section Size	The average number of students in one section of the course during 1969-70.
04-19	31-33	Average No. of Laboratory Hours per Student	An estimate of the average number of hours spent by the student in laboratory type activities per term during 1969-70 that the course was offered. (Include individual student operation of card punches, terminals and computers as well as scheduled group laboratory sessions.)
04-19	34-37	Total Enrollment 1969-70	The total enrollment for all sections offered during the period July 1, 1969 – June 30, 1970. (Include summer session 1969, but not summer session of 1970)
		Cost or Value of Computer Services (Hundreds of Dollars) (Summer 1969 – Spring 1970)	
04-19	38-41	Total	The total cost or value of computer services supplied to all sections of this course during the period July 1, 1969 – June 30, 1970, to the nearest hundred dollars. Amounts of under $50 should be recorded as "0".
		On-Campus	
04-19	42-45	IN-DEPT.	The cost or value of computer services (nearest $100) supplied to all sections of this course by computer facilities in the same department offering the course.
04-19	46-49	OUT-DEPT.	The cost or value of computer services (nearest $100) supplied to all sections of this course by computer facilities on-campus but outside the department offering the course.
		Off-Campus	
04-19	50-53	ED. INST.	The cost or value of computer services (nearest $100) supplied to all sections of the course by a facility of another educational institution.
04-19	54-57	NON ED. INST.	The cost or value of computer services (nearest $100) supplied to all sections of this course by a facility belonging to an outside non-educational institution.

* U. S. GOVERNMENT PRINTING OFFICE : 1972 O - 483-063